STORM DATA



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DIRECTOR NATIONAL CLIMATIC CENTER

JUNE 1981 .

	:	OCAL.	PATH	¥T.		OF SONS		IATED!	- CHARLESTEE			OCAL	PATH	Ħ.		OF		MATED!	#(), * · · · · ·
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	אוררפס	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
ALABAMA	1	CST		i	ļ	ļ		!		ALABAMA (cont							i .		
Huntsville, Madison County	4	5:45p			0	0	4	5	Thunderstorm,	Muscle Shoals area, Lauderdale and Colbert counties	25	5:00p			0	0	4	0	Lightning
,	An	intense th	unders	torm du	mped	l to	3 incl	es of	rain over much of		Sev	ere lighte	ing re	ported	for	roun	d 2 ho	urs in	the area. Dama
	Hun	tsville.	There	was ext	ensiv	e sti	eet f	loodin:	the City of and water entered t electrical power		The	te was als	o some	wind d	lamage	į to	trees	and po	power outages. er lines but mo
	in cro	scattered os with an	neighb	orhoods	d. Th	e ma:	n dam	ige ap	eared to be to due to the rain	ALASKA Interior	1-25				0	ļ ,	5	;	Lightning
Linden,	and : 7	wind. 2:15p							Hail		Very	dry weath	er dur	ing mos	i stof	j June	over	the in	erior of Alaska storms resulted
Marengo County	More	i ble to gol	 		vo17 1	enori	, ed	į			in a	lmost 250 s were bur	lightn hed be	µng sta Pore wa	urted ve:	wild ather	ires.	Over le last	1/2 million week of the
Berlin area,	11	7:45a	l par	1	0	0	4	0	Lightning	ARIZONA	1	ļ		hters t 	ļ		į		r control.
Cullman County	Exte	 	and s	 moke da	mage	to a	home	 esult	ed from a	Safford (Graham Co.)	24 A ±1	545 pm nunderstorn	I	 winds	!	l 0	i	!	THUNDERSTORM Winds
	ligh	ning stri	ke. I	ightnir	g ale	o dar	aged	rees	n the area.		down	ed power : s store w turch with	lines,	ltrees	and s	igns	i Sev	eral pl	ate t was
Center Point area, NE Jefferson County	11	1:30p			0	Q	5°	c 	Flash flood	Green Valley	a cl	durch with 140 pm	damag	estim	ated	at \$	ļ	1	THUNDERSTORM
1	area	of north	ast Je	fferso	Cour	ty a	an a	most	the Center Point	(Pima Co.)	-		 	 		į			Winds
	thun The	derstorm of Fire Depar	umped tment	around lused po arking	mps i	rom :	of r engi	bin in he com L Sev	about 2 hours. panies to pump eral homes and les were damaged		orig	vere down inated ove h of Green	r Mt.	Lemmon	hit	the a	rea j	ulst.	s
	by t	he floodir	g. Ga	rden ci	dops v	ere	25 au 1so u	comobi proote	es were damaged d. Accumulated		of (0 mph know voltage	ked d	ovn ove	ŧ 15	harg	pole	of a	
Homewood area,	wate 12	r caved in 5:30p	5 apa	rtment	roois 0		4	0	 Flash flood, wind;	ARKANSAS		the area.						į	!
So. Jefferson County	•			j 	į 	ļ			lightning	Conway County	2	9:00 PM CDT 			0	٥	? 	6	Heavy Rain/ Flooding
	flas	h flooding Enine dam	, mair	ly to	tree	s an wer	d park Lines	ling ar Left a	aused considerable eas. Wind and bout 2,000 homes		Thu	nderstorms	produ	ced he	onfir	pin v	hich :	looded of up	several areas to seven inche g in low lying
	and	pusinesses ge was clo	witho	ut pow	dr. 1	l.s.	₿1 Sou	th nea	r the I-65 inter-		are	as were ever in the	racuate	ed. So	bout be bu	ko ta Lldir 	gs had	livin three	g in low lying to four feet o
Mobile Bay	17	· ·	į	i 	 	u . w	de 1 a	 bo	Waterspout	Glenwood - Pike County	3	Evening			0	0	7	0	Heavy Rain/ Flooding
	Fiel	d and Daph novement w	ne, bu	t appar	ent1y	wit	ndrew	nto t	ne clouds before		Thu	nderstorm	prod	ced ove	er th	ree i	nches	of rai	1n 2 1/2 hours
Bayou La Batre, Mobile County	: 18	1 1 2:00p		ļ., ,				İ	Funnel cloud.		to	eet ilood: high water	ng wa	very (commo 	pand I	20 ho 	pes we	re evacuated due
	A fu	nnel cloud	and m	arble s	i tize 1	ail	eport	d in	area.	Marked Tree - Poinsett County	5	2:19 PM CDT			0	0	?	0	Heavy Rain/ Flooding
Limestone County	19	2:50p			0	. 0	0	5	Hail/wind		801	e building	8. A	ced he	avy r	ain v	nich f inche	looded s of r	many streets an ain fell in a 45
	Near cott	\$500,000 pa by a ha	damage ilstor	was do	ne to	an Lim	stima stone	ed 1, Count	00 acres of The hail "sheets" and winds were	West Memphis -	min	ute period Evening	.		.0	0	. ?	0	Heavy Rain/
	cove:	ed the gr	ound.	Marble	8126	hei	and .	50 mph	winds were	Crittenden County			-				İ		Flooding
Joe Wheeler Resort area, Lauderdale	19	2:55p			0	0	4	. 0	Wind		Wat	er up to f				ains	which 	floode	i some areas wit
County	1							i !		Helena - Phillips County	5-6	Late Night -	Ì		0	0	1 7	0	Heavy Rain/ Flooding
Huntsville area,	Thun- 19	j i	inds d	amaged	boats 0	, doc	i	ac111 0	ies and trees.			Early Morning	į						
Madison County											and	a few bus	inesse	s. One	fur	itur	e stor	e sust	several homes ined 150 thousa were not avail
la la	and p	associat ower line of the da	s and l	damaged	outli	eildi	ngs.	Some	w down some trees oads were blocked.	Hector -	ab 1				1	1		. 0	Lightning
Madison County	22	. !			0	0	4	-0	Wind	Pope County		CDT	İ						
		ierstorm w Maysville.	inds d	amaged	trees	and	power	lines	near Hazel Green		they	rty-year o. were stru inery.	ck by	was ki lightni	lled ng wh	and ile	orkin	other was a second	as injured when piece of farm
Mobile area	23	10:00a	Ì		0	1 !		0	 Thunderstorms	St. Vincent ~	!	9:00 AM		Ì	0	0	0	0	Hail
	Thun a sm	derstorm w	inds,	that re	ached	51	ph at	Bates	Field, capsized	Journal Country	Thun	CDT derstorms	l Produde	ed one	inch	hail	No e	атаке	was reported.
į,	ano wind	pospicaliz	ed ard	er bein ees and	g in alor	the p	ater :	ore t	nan an hour. The	Magnolia - Columbia County	l i	Night]		0	0	4	0	Lightning
l'	erec	rical pow le sized h	er co;	nunared	S DII	res1	lents :	n Sar	aland and Mobile.		Ligh	ning stru	ka do	mputer	terp	ıinal	on the	 South	ern Arkansas
West Point Lake Lanett area	24	6:15p			0	0	5	0	Wind		Unive	ersity Camp mated at 10	us and	i cause	d ext	ensi	e dama	ige. İ	amage was
1	Thun	lerstorm w locks. Se	inda d: veral h	id exte	nsive ank	dama	ge to	boata	marina ramps,	Little Rock - Pulaski County	30	Mid- Evening	ļ	ļ	0	0	?	0	Heavy Rain/ Flooding
ſ	over	urned but	no in	juries	were	repor	ted.	mber	j		Thun	leratorma d. Some	roduce	d rain	s of	up to	three	inche	in a two-hour flooded cars
Gardendale,		3:17p	- 1			i		- 1	Hail					s and	4	~~~			COID

JUNE 1981 - LOCAL NO. OF PERSONS NO. OF PERSONS ESTIMATED! ESTIMATED*
DAMAGE PATH TIME - LOCAL STANDARD TH OF PAT WIDTH OF PAT LENGTH OF F CHARACTER LENGTH OF F CHARACTER PLACE PLACE PROPERTY PROPERTY STORM STORM KILLED KILLED INJURED CROPS CROPS ₽ CALIFORNIA COLORADO (continued) NORTHERN & CENTRAL 3 1420 0.3 40 0 0 0 0 A tornado toughed down briefly near Platteville. NONE REPORTED Southwest Weld Cv. CALIFORNIA 40 0 0 0 0.3 1430 Tornado SOUTHERN reported 3 miles southeast of Fran Mern County Mojave Airport 8 to 10 pm. Strong winds 0.2 40 0 0 0 0 0 Preported 7 miles west pf Greeley. Tornado Western Weld County Winds measured to 107 mph. Nuch damage to 6 airplanes, hangers and elsewhere. 3 1500 0.2 40 0 0 0 0 7.0 Tornado
A tornado was spotted 6 miles south of Nun-the last in Colorado
from the thunderstorm complex that produced three damaging tornad
further south Northwest Weld Cy. (Meteorogists believe these were a localized Mountain Nave phonomorphon occurring in the le of the Tehachafi Range wher strong NW winds cross the range.) 2 1730-1930 O 0 4 0 Severe thunderstor A severe thunderstorm roared through the Denver area, dumping two inches of rain in as little as I20 minutes and bombing many spots with large hall. The hall reached sizes up to 1 3/4 inches in diameter. The heavy rain caused local flooding, with up to 3 feet of water in some streets in the northwest part of the metropolitan area. Part of a street was washed out in Thornton. Lightning strikes started a fire and power outage just north of Denver, and lightning hit a barn in Brighton, which then burned down. Numerous cars sustained minor hall damage.

2 1840 0.5 50 0 0 0 Tornado
A tornado was spotted 4 miles northeast of the Rocky Mountain Argenal, moving no theast. 6 1920-2030 0 0 0 0 Hail 3/4 inch hail was reported in east Denver and an hour later at Divide, in Teller County. COLORADO Denver, Teller Cvs. West and North part of Denver area 0 Severe thunderstor 7 1547 0 0 0 0 Golff ball size hail fell at Holyoke. Phillips County 0 Ha il 1730 Fort Collins inch hail was reported just north northeast of Fort Collins. 10 early evel 0 0 3 0 Hall, Lightning Lightning hit three houses in Estes Park; 3/4 inch hall fell in the southeast section of Fort Oplins. Western Adams County 11 1800-2100 0 0 0 3 0 Hail, High winds Hail 3/4 inch in diameter bled up three inches deep two miles north of the town of Elbert. 3/4 inch hail also fell at Peyton, and wind damaged a mobile home in Falcon, northeast of Colorado Fibert, Fl Paso Cvs. 3 | 1200 | A lightning bolt killed a 22 year old women and injured two other people standing under a tree near Brainard Lake, in the foothills west of Boulder Boulder County 11 2010 | 0 0 0 Hail Baseball size hail fell in Wetmbre, in northeast Custer county. Custer County Baseball size hail fell in Wetmbre, in northeast Custer county.

13 1600-2000 0 0 0 0 Hail
Large hail fell in a number of places along the Front Range.
60 16ball size hail was reported near Greeley and Windsor in Weld
courty, and also in west Denver, Northglehn, and Brighton. Just
northwest of Denver in Federal Heights, a few hailstones the size
of baseballs was reported.

13 1830-2100 0 0 5 5 Hail, High winds
Severe thunderstorms produced ehorndus hail up to 3 1/2 inches in
diameter that bombarded Sterling. Tliff, and Juyesburg in extreme
Northeastern Dolorado. The hail broke can and house windows,
damaged roors, and leveled wheat fields in portions of Sedgwick,
Yuma, and Philips counties. Spen fields suffered up to 90
perfent damage, and near Iliff a strip of crops is miles long
sustained damage. Boifball size hail hit the Fort Worgan and
Brush areas, Blamaging crops, and to the south in Deer Trail a few
windows were broken in homes by large hail. High winds hit a
farm 20 miles north of Yuma, damaging two buildings and breaking
windows. aftn 0 1 0 0 Lightning offer was injured slightly by lightning in Buena Vista. Chaffee County A qolfer was injured slightly by lightning in Buena Vista.

3 early aftn
Heavy rain and hail that piled up to 4 inches deep caused extensive cryd pamage, especially just north of Stephing; 2 inches of rain fell in Stephing, post off it in less than an hour. 65 mph winds were reported from the same storm in Stopeham, in Eastern Weld County, along with some crop damage from hail.

3 1320 3.0 25-75 0 0 6 0 Tornado
A fornado touched down near the intersection of Alameda Ave, and Sheridan Blvd, on the Denyer-lakewood city boundary. The twister moved north along Sheridan Blvd, damaging businesses, apartment buildings, homes, and vehicles. Over ten homes were unnoofed; the roof of one landed in the middle of a neighborhood park. At least ten trailers were wreckel. The tornado curved notheastward into Northwest Denverl, hopping up and down in several places. Very strong winds loutside the lactual funnel caused 20 to 30 thousand boilar's damage in downtown Denver; the third floor be one lold building was demolished. No major injuries were reported from the tornado, although several people were hurt slightly in traffit accidents on Sieridah Blvd, that occurred in the confusion during the storm. Damage in Lakewood alone was estimated at over \$200,000. Front Range Weld, Logan Counties Northeast Colorado Lakewood, northwest 13 1830 1.0 40 0 0 0 0 A tornado near Illiff uprooted some trees. Logan County estimated at over \$200,000.

3 | 1320 | 2.3 | 100-200 | 0 | 42 | 7 | 0 | Tornado
The pworst torhado ever to flit the Denver Metropolitan area in
terms of damage struck Thornton | a morthern suburb. Coming out of
the isame thunderstorm that ispawhed the Northwest Denver twister,
the Thornton tornado tore a swart through the heart of the city.
87 Homes were destroyed, 110 others damaged at least moderately.
In all, about 500 homes inia 100 block area suffered some damage.
The twister also hit two shopping centers, and several restaurants
and other buildings. Seven of the 42 injuries were considered
serfous. The tornado was strong endugh to snap lampposts in half,
and in one spet a 6 inch thick slab of wood was driven two feet
into the ground. Ternado wasches and warnings were issued prior
to the storm, land the advance whening that people in Thornton had
buf the approaching storm as it swent northeastward across the city
is gredited with he ping to keep casualties rather low and injuries
mindr for the most part. The tornado was bracked by radar for 13 2045 0.5 40 0 0 4 0 Tornado A tornado hitja fam near Brush, demolishing a prinkler system, three barns and a shed, and injuring sevenal horses. Some power poles were uprooted. Morgan County Thornton 22 evening 0 0 0 2 0 Hail Golf Ball size hail hit the towns of Rye and Colorado City in southwest Pueblo county; spine dars were dented. The hail piled up to a depth of 2 to 3 inches. Pueblo County ,23 1500-1600 0 0 0 3 0 High winds strong thunderstorms produced fligh winds in all three areas. A gust of 50 mph was recorded in Littleton, with 70 mph observed at Fort Collins. High winds blew down a barn near Fort Morgan.

24 evening 0 0 3 3 Heavy rain, Hail Goll Ball size hail pelted an area 6 miles northeast of Lamar, damaging roofs, cars, and crops. 33 inches of rain fell on the area in a few hours. Littleton, Ft. Collin Ft. Morgan Prowers County The same storm system produced bnother damaging tornado that touched down in the Northwest section of Hort Lupton. This twister damaged 16 homes, and numerous cars and campers. Two children were injured slightly when the cer they were in was knocked about and its windows shattered by the storm. The twister also damaged two commercial buildings. Demage was very spotty, and witnesses said that the twister popped up and down at least three times. Dollar damage was estimated at \$500,000. Fort Lupton Jefferson, Boulder 3/4 inch hail fell in Wheat Ridge around 2:40 pm/MST. About-two hours later Lousiville was pelted with hail 1 1/4 inches in diameter. ololo The twister 25 aftn 0 0 3 0 Heavy rain Heavy rain caused mudsiides and local flooding near Estes Park, causing several thousand dollars wonth of damage. 25 İ Larimer County 3 | 1300-1400 | 0 | 0 | 5 | 0 | Hail, Heavy rain
The thunderstorm complex that produced the three damaging tornadoes
also dropped large hail on the horthwestern part of the Denver
area, damaging manylcars. I tot-2 inches of rain fell in less than
an hour, and 8 to 4 feet of water invaded a traffer park at the
northwest edge of Denver, causing water damage to about half of
the 392 mobile home in the park. Local flooding was reported in
several other areas 25 1600-180d 0 0 4 0 Heavy rain
About an inch lof rain fell in 3d minutes a long the Arkansas River,
causing flash flooding and midstides! Several cabins were washed
off their foundations about 20 miles north of Sai Ida, and others
filled with mud during the flooding. Muds ides caused property
and road damage in the Cotopaxi area of Fremont County. Chaffee, Fremont Cys. Northwest Denver area Northern Front Range Heavy rain, high 3 aftn
The Itornadic thunderstorms that this the Denver area earlier confinued to be destructive as they hoved north. About two inches of main deluged Milliken in 20 intrudes, and an irrigation ditch overflowed, flooding 5 businesses and 10 immes, tausing at least 5 thousand dollars damage. Golf ball size hail fell in the area; cross near Windsor were severely damaged. Winds gusted to 70 mph at Fort dollins during a thunderstorm. He rain was noted in several areas, one half inch fell in just five minutes near Wellington in parimer County. Eastern Larimer, Western Weld Counties

·		CAL	РАТН	Ę	NO. PER		ESTIM. DAM					CAL	PATH	Ŧ	NO. PER	OF SONS	ESTIMA		
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PAT (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF 'STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PAT (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
CONNECTICUT		!	NO DA	TA REC	EIVE	D				FLORIDA (conti	nued	,	1/2	30	0	0	4	ا	Tornado
DELAWARE New Castle County	25 6	 -q 00:6		į	0	i	4	l 0	Hail, Wind	Total county	A to	EST rnado tou	ched d	own bri	efly .	6 m.i.	es eas	t of B	artow causing
Wen Currie control	-	5:30 p		والمراقمة					was accompanied			s. No in	juries	were r			ngs at	d knod	king down several
	hu di	aterra for	to ove	r 40 mm	h c	using	nowe:	r loss	to 1,500 homes in hmeter broke win-	Pasco County	17	7:15PM EST	ļ	į	0	0	5 [ļ	Tornado, severe thunderstorm. munity during a
	down	in the vi O due to	lcinit	of Chi	ist1	ina.	Damag	e was	estimated at around		seve The	re thunden tornado, s	storm itnes	follows ed by	ng a ever	hard 1 pe	downpo	ur of damag	rain and some hail d nearly a dozen
FLORIDA Duval County	1	5:00 -	 								thei	r bases.	The wo	rst dar	ijage i	as t	an u	occup	risted them off at led 12 by 70-foot and "exploded"
·	l: l	7:00PM EST			0	1	3	:	Lightning, severe thunderstorms.		1 29 1	t flinned	iouer	ind fall	1 1-0 1	ha a	cound l	maabal	l to Diagon
	thund	erstorms	moved	through	the	Jack	onv11	le are	ing as severe a, causing street rge oak trees, and		home fron	before in t porch re	e air explor	ded and	fel	coul . A	see nother	mobil	was lifted high tom side of the home had the
	causti		1aneou	is damag	e. I	tost k			e occurred about		home Ther	peeled be was miso	ck. I	arts of	the age	roof o th	were	ound mobi	the roof on the /2 mile away. Le homes, plus red. Total damage
Escambia and Santa Rosa Counties	2	9:30AM CST		- '	0	0	0	0	Waterspouts, funnel clouds aloft		to b	mber of pu h at least 	\$50,0	ses and	atoj inje	ries	were	estro	ed. Total damage '
,		al waters oastal wa		and fur	nel	1ouds	alof	were	reported over	Hillsborough County		5:30PM EST		ļ	0	0	0	0	Funnel cloud aloft
DeSoto County	i i	3:45PM EST	1/10		0	0	4	i	 Tornado. 	Citrus County	A ft	nnel clou 5:42PM	d alof	twasr 50	eport	ed ov	er Man	go.	Tornado.
	pied	mobile ho	me 17	miles s	outh	of A	cadia	near	troyed an unoccu- the DeSoto/ the mobile home		'A to	EST rnado str	uck tw	l subdí	visio	ns ab	but 7	miles	east of Inverness
	"expl	oded" als			the	arpo	t and	Flori	ia room.		indi	6 of the cated tha	pe rec E the	¢íving : tornado	hajor cut	dama nat	ge. 1) hoard	he She 11e1 t	s and mobile homes riff's Office State Road 44
Polk County-	Winds	2:30PM EST gusted 1	l 0 70 m	nh ar F	0 arto	O Morn	0 Icipal	ļ	Wind, severe thunderstorm, Ft when a severe		foot	labout 4 m ed, power	lles. lines	Severa were b	1 50- Lown	loot lown,	high 1 and m	ive oa iscell	k trees were up- nneous damage was
	thund 1000	erstorm i pound fil	oved a	cross t s cylir	he a: der	ea. 2 fe	No da t lon	nage w g and	as reported. A β feet in diameter,		was	rted. Go estimated rted.	betwe	en \$35,	000 a	tell id \$5	0,000.	5:25PM No 1	EST. Total damage njuries were
Charlotte County]]	Afternoor	ì	down a	runwa 0	y and	over 0	iacha 0	in link fence. Funnel clouds	Collier County	19	Afternoon		 Gate m		1 8 ste			Lightning. ning during a
	Sevet	al funnel	cloud	s aloft	, wi	ld gus	ts 60	 to 70	aloft, wind. mph. and small		thund his p	erstorm w	hile w	alking s hurle	baref d int	oot do the	arryin air b	gabu y the	cket of feed for bolt of lightning,
	storm	. No dat	age of	injur	es w	re re	porte	d.	e during a thunder-		speal	ed over, or to mo	ve his	arms o	r leg	8C10	s, tem	porari	ly unable to
Manatee County	4	3:40PM EST	2/10 	30 [[0	4	0	Tornado, funnel clouds aloft, severe thunder- storms.	Lee County		4:00PM- 5:00PM EST			0	0	4	į į	Wind, severe thunderstorms, funnel clouds alof severe thunder-
	east	of Brade	hton o	h State	Road	64.	The :	crnade	wn about 15 miles moved between a		stor	activity	cause	d misce	.lane	ous d	ашаде	to hor	es in the Cape es and signs. ith reports of
	high	mer's ma ay and a ne ground	rket/d packi was v	iner co ng hous isible	pobina Pon For a	tion the n bout	on the orth 1000	g sout! side. fleet.	side of the The tornado path A fruit stand was		pea-	al funnel ized hail off. No	.Ļ Pa	urt of t	the Ca	pe Co	ral Fi	long w	ith reports of tion roof was
	destr	oyed, an	p the	pliner a	hd pe	cking	house	d sust	ined several ere reported.	Pinellas County		7:30PM	1/10	ŀ	0	1	4	0	Tornado.
									d the county during										g a thunderstorm was treated at a
Pasco County	4	4:10PM EST	 	 	0	0	0	0	Funnel clouds		near	y hospita 9:15AM	l for		injur		relea	sed.	
	centi	Sheriff's cal and c	entral	section	ins of	the	count	y asso	aloft over south- diated with heavy	Dade County	1	EST	ļ.	s kille	i	ŀ	i i	1	Lightning. her persons
Dade County	1 1	ierstorms 11:40AM	İ	g north	westv O	ard t	hrougi 0	h the : 0	drea. Funnel cloud alofd		inju	ed when to about one	heir 2 mile	D-foot east of	ppen Elli	fishi ot Ke	ng boa	t was	struck by light- im was steering en lightning struck
	A fur	EST mel clou	i d alof		eport	ed ov	er Ev	ļ .	es National Park		The on t	survivors, heir upper	a fat	her and	lson, y rep	suff orted	ered that	acerat there	ions and burns was no storm or
Dade and Broward	11	Tamiami 12:55PM	Trail.	[!	0	0	0	0	Funnel cloud aloff	Dade County	1	in the in	mediat 	k area	when 0	11ght 0	ning 0	truck.	Waterspouts.
Counties									Patrol at the		Two	EST	s were	report	ed by	the	¦ !		in South Biscayne
	Turni	ike abou	it 30 m	iles no	tthwe	st of	Miam		and the Florida 	Dade and Broward Counties	Bay. 20	11:00AM- 2:00PM]]]	1	4 i	0	Wind, lightning, funnel clouds
Okalooss County	7 A val:	5:00PM CST	ļ	 - -spout	Vas 1	l 0 eport	o ed by	the S	Waterspout. eriff's office			EST			İ				aloft, severe thunderstorms.
Dade County	about		south				ving	blowly	eastward.		rain	and nume	ous f	unnel c	:Louds	alof	t, aff	ected	lightning, heavy primarily north- No major struct-
,	Fout	construct k in the	tion w	01 35	men w	orkin	2 on	en a b	Lightning. It of lightning thouse floor of		ural occu	damage wa	s repo	rted, b	et wi	despr er 11	ead mi nes do	scella m. T	neous damage he only injury
	la con	(dominium	i proje	er on B	iscay	me Bl	vd. i	n Miam	The victims i hospital.		umbro	lla in Ft	Laud	erdale	♦h1le	she	was ge	tting	6-year-old woman's out of her car. bruises and first
Orange County	10	6:20PM EST	i	i	0	0	0	ĺ	Tornado.	Palm Beach County	degr	e burns.							
	miles	ge County west of mage or	Orlan	Ho Inte	e rep rnati	orted onal	a to Airpoi	dnado dt. Ti	ouchdown about 6 ere were no reports	raim mescu Conney	20	EST			0	0	4	0	Wind, severe thunderstorms, funnel clouds aloft.
Hillsborough County	13	5:15PM EST	1/2	30	0	0	4	a	Tornado		hail	moved th	tough	the Wes	Pal	п Вег	ch are	a. St	heavy rain and rong winds in the
	moved	through	the a	near C rea. W	itrus Itnes	Park ses	as se eporte	vere i	northwestern hunderstorms seven power poles		winds dama;	ws, a con ed. A fu	penien hnel c	ce stor	e unr	bofed as re	, and ported	severa	plate glass 1 other stores ome power lines
	10.	row were ersons w	Knock	ed down	. Nq	inju	ries v	ere ro	ported; however,		were	blown dow	փ. Th 	ere wer	e no	injur 	ies.		

- 4 -

		Г - -	T_	r	T	1					1		_		Ι		Γ.		JUNE 198
		CAL	PATH	ĮΞ		OF SONS		ATED†				'AL	РАТН	Ξ		. OF		ATED1	
PLACE		32	30.5	¥ €				T	CHARACTER OF	21.65		ğg	3. S	PA1	┢		Ι.	Π	CHARACTER
LACE		2 (A)		YAR B	ا ۾	a	ERT	۰,	STORM	PLACE		DAB.	TH C	10F	۵	8	🖺	_ ا	OF STORM
	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS			DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	
T OPIDA (L.—	L	بت	بت	<u> </u>		L	<u></u>	Ь_	<u> </u>			ئــــ	L <u>-</u>			<u></u> _
FLORIDA (cont	inuea 20		1/10	20	0	0	4	0	Tornado, severe	FLORIDA (conti	nued 25		1/10	20	 0	0	! 4		Tornado, severe
		EST							thunderstorms, funnel clouds	,		EST	i	ĺ	ļ	!	!	1	thunderstorms.
	D-14-		 	 			a litar	B	aloft.		down	in Bloomi	ngdale	just	south	east	of Tar	pa, up	tornado touched rooting several
	thund	erstorms	poved	hrough	the	area	accomp	anied	k as severe by high winds,		tree	a, knockin ≱ies were	g down report	power	lines	, and	desti	coying	a small shed. No
	heavy	rain, ha	il and cellan	lightn bous da	ing. hage	Exte to ro	nsive ofs ar	tree d d powe	amage was reported r lines. One tree		Wide	j doread sev	ere th	Inderst	orm a	ectivi	j Itv oc	urred	around the county
		onto a pa			everal	l fun	nel cl	ouds a	loft were reported.		with	associate	d gust	vinds	and	misce			age. A few un-
Duval County		5:20PM				0	3	0	Wind, severe			irmed torn	agoes	were re	!	!	ļ		
Davar County	1	EST	j k	j I	"	-	· .		thunderstorms.	Monroe County	1	7;01AM EST			0	Ĺ	0	1 0	Funnel cloud aloft
	Airpo	rt during	a sev	ere thu	nders	corm,	along	with	e International quarter-inch		A fu	nel cloud ugarloaf K	aloft ⊵y.	was re	porte	d by	the Co	ast Gu	ard 5 miles south
		severe l ted. No						in. S	everal trees were	Broward County	26	12:35PM			0			0	Funnel cloud aloft
Dade County	21	10:45AM		İ	 0	 0	0	i I 0	Waterspout	,		EST	-1-65		-	i i	i	!	
		EST	ļ		ļ 1	1 1		!			Fort	Lauderdal	e.	was re	POLLE	pa by ļ	E PIIO	E 10 E	iles west of
	Keys	Poast Goal	repo	rted a	water	Spout	. 8 m1	tes eas	t of the Ragged	Clay County	26	4:16PM			0	0	0	0	Hail.
Broward County	21	12:15PM	1/10	20	0	0	4	0	Tornado, severe		Go1f	EST all-sized	hail	was rep	brted	 3 m/	les w	st of	Orange Park during
	Poli	EST ¢e reporte	that	a tor	ado t	ouche	d dow	briei	thunderstorms. ly in Deerfield		a th	aderstorm	•			ļ !		 	
	Beac	during a	i víole	nt thur	ıdersq	orm ú	proot	ing tre	es and knocking y through the	Hillsborough County	26	6:35PM EST	i		0	0	0	0	Funnel cloud aloft
	area	Was accou	ipanied	by hea	ıby ra	lin, 1	ightn:	ílng, st	rong winds, and			Highway Pa				nnel	cloud	aloft	3 miles south of
	erda	e Beach.	No se	rious i	njuri	es we	mpn we re re	orted	orted on Ft. Laud-		Big	Bend Road	on Hig I	nway 30	μ. 	l L			
Orange County	21	3:00PM-	1/2	30	0.	.0	5	0	Tornadoes, severe	Manatee County	26	7:15PM EST		į	10	1 4	4	0	Wind, severe thunderstorm.
		6:00PM EST	!						thunderstorms.		The Airp	outh Mana	tee Cor Lenced	nty ar	thun	hclud	ing th	e Brad	enton/Sarasota ong winds for the
									art area near damaging at least		seco	nd consecu	ive d	ıy. Th	e air	port	was cl	losed t	o traffic briefly uilding. Other
	6 ot	hers. One	resid	ent rep	brted	hear	ing a	roarin	g sound lasting d cracking.		bu11	dings in t	ne are	susta	ned	nisce	1lane	us roc	f and window damage
		!	1	ı	1 1	. !		1	l I			dining ro					lusiy,	py tly	ing glass in the
	spre	au severe	cnunge	rstorm	BCLIV	itv. i	accom	dan Led	the county as wide by strong winds and	Polk County	27	6:30PM-			0	0	5	0	Wind, severe
	otne:	d moraceria	ineous	qamage,	and	wides	pread	power	derable tree damage, outages were		A vi	7:30PM STT thun	lersto	tm acco	i mpani	ed by	hurri	ikane f	thunderstorm. orce winds and
i	minu	qtea. Ori qes during	the h	nternat eight c	ional	Alrp evere	ort wa thund	s clos erstor	ed for about 30		torr	ential rai	n caus	ed quít	e a b	it of	damag	e in W	inter Haven. Five port. A large
	and :	akeoffs w	ere im	possibl	e. N	p inj	bries	were r	eported. The		sect	ion of the	Cypre	s Cath	edral	roof	caved	in du	ring the strong ile practicing.
		5:00PM EST	į	į				į			In a	ddition to	the r	of dam	age,	exter	sive v	ater d	amage occurred
	A to	nado stru	kam	bile b	one p	ark í	n sout	heaste	rn Orange County		such	as downed	trees	and por	ver 1	ines,	sheds	destr	damage occurred oyed, and other
	rramsi	ing sever 5:00PM	l BI CBL	ports.	į				!		roof	of a hous	iamage e. No	inclu injuri	∄ing ⊵s we	a lar	ge tre	e blow	n down onto the
	A th:	EST rd tornad	stru	ck a su	odíví	sion	Ĺn no:	thwest	ern Orange County	Pinellas County	28	4:20PM	ľ		0	0		1 0	Funnel cloud aloft
	1	ng only m	inor p	toperty	()	Γj					A fu	EST	aloft	was re	borte	d by	the Po	lice D	epartment two
Citrus County		11:55AM EST	1	İ	0 	0	0	1 0	Funnel cloud aloft,			west of							
	A fu	nel cloud	i aloft	was re	porte	d ove	r Cry	dtal R	ver.	Sarasota County	28	5:25PM EST	1		0	0	0	0	Funnel clouds
Seminole County	22	2;15PM EST		1	0	3	0	0	Lightning.			unnel clo							aloft, waterspout. Beach, and a
		t of ligh							Casselberry Golf		wate	rspout was	repor	ted 5 m	iles	west	of Sie	sta Ke	у.
	The f	burth golf	fer was	knocke	≱d dow	n but	was 1	not in	ers unconscious. ured. The light-	GEORGIA Bibb County	7	4:00 PM		!] }	0	! 1 3	0	Wind
	skie	were clo	ojidy an	d threa	kenid	g in	the d	1stance	er indicated that , but there was		Thu	nderstorm	winds	knocked	an	bile	home	off it	3
	Ligh	ining stru	ibk the	critic	:a11v i	iniut	ed pla	ver ir	golf course. the right shoulder		for	ndation, bew power i	lew do	wn seve	ral	trees	, and	downed	
	and	ame out t	hrough	his ri	ght f	oot,	burni	gaho	le through his			e temporar							
Monroe County		7;45AM] 			0	! 0	Funnel cloud aloft	Hall County	7	4:00 PM			2	5	3	0	W1nd
,		EST		 		i		-	i i			nderstorm							
	Pine	Key movir	g towa	rd the	east	1 610	ud ali	jir o i	illes south of Big			Lake Lanie son and							
Monroe County	24	8:25AM		 	0	0	0	0	Waterspout.	Douglas County	7	4:15 PM	į		0	0	4		Wind
	A wa	EST terspout w	 ≰as obs	 erved 5	mile	s not	thwes	of Ke	y West moving		1	mderstorm	l l lahnler	uprooté	id se		trees	and	
	nort	westward.	1]]				J J	<u> </u>		sna	pped off	ree li	mbs whi	lch f	11 o	n hous	es and	
Okeechobee County	24	2:45PM EST	1/10	15	0	0	0	0	Tornadoes		ser	II buildin vice was i	nterrt	pted to	sev	eral	hundre	ļa ļ	-
	Okeen in a		nty Ci	vil Def	ense	report	ted to	o torr	adoes on the ground		2 1	tomers as etal build	inga 🛊	ere dec	olis	ned.	Most	of the	
Dade County		J	ar	L mj	i i	į !					US	age occurr	ed jub	t east	of D	ougla.	sville	along	
Dade County		11:30PM EST		ļ !	0	0	0	0	Waterspout,	Fulton County	7	5:45 PM-	į	i	0	0	3	0	Wind, Hail
		erspout w g toward			bout	3 mil	es ea	t of N	orth Miami Beach			5:55 PM	ļ	i					
Manatee County	25	6:00PM	1/2	50	10	0	5	 0	Tornado, severe			nderstorm							
	A to	EST nado dipp	ed dow	n at th	A Rro	Kento	n/Sarv	l +	thunderstorm.			25 and Cat				a 	L Le	at	
										1			 	ì		,	!		
	upsid	le down as	winds	onstad	area	111	ree al	rplane	s were turned				ĺ						
	off s	everal ro	oms at	aller	vas o	vertui blodi	rned.	The r	oof was ripped				į	İ					
	min h	ower line juries we	p were	DTOMP	down.≀	and s	some w	indows	were blown out.					į	ļ				
					. '	:		. '	,	1		, ,	,					. :	1

	, AL	PATH	 <u>=</u>		OF		IATED†				CAL	РАТН	Ξ	NO. PERS			ATED1	
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF P.	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPs	CHARACTER OF STORM
GEORGIA (contin	nued)]		<u> </u>			j	<u> </u>	IDAHO	<u> </u>								
Fannin, Union, and White Counties	10 7:30 PM- 9:40 PM	. 		0	٥	4	0 .	Wind, Lightning	Sunnyslope, Nampa, Homedale Areas; Canyon		4:00 p			0	0	0	4 (Hail
	Thunderstorn								and Owyhee Counties		nsive dam	ige to	cherry	app 0	e ar	d pear 4	crops	due to hail.
	thousand home	es. A	few sm	11 f	tres	vere d	aused		Fremont, Madison, Bonneville, Bingham, and Jefferson Counties	16	5:00 ρ cold fr	nt wi	h wind		i	·	-	
	Jellystone (for several	almon Re alays b	sort ne	ar He	Len w	ere cl	osed		and perfection sources	powe	r poles.	Four	oys we	re inj	ured	in St	- Anth	ony, Fremont d at a baseball
Fulton, Cobb, and	fallen trees	ļ	imbs. 	0		2	 0	Wind		pari	. A lumb mated \$20	r sto 000 i	e in R n damagi	versji s whe	de, l	Bingha	m Cour	ty, sustained an storage shed
Gwinnett Counties	10:00 P		ļ			•		,,,,,,,	Dallas Almanas Ada		ed into t 4:30 p	ne maig	build	ing. 0	ا ،	5		Wind
	Thunderstorn interrupting	g elect	ric ser	†ice	to at	out 1	000		Boise Airport, Ada County	30 A ti		h with	wind q		- 1	l	! !	lew the roof off
	Fulton Coun	ty Airp	brt. F	allin	g tre	es car	led at			one Ing	building into cars	ear t parke	ne Bois d in a	car r	ort i	sendir 1 lot	g beam destro	s and boards fly ying a dozen car
Clayton and Fulton	minor damage	ļ	EOMODII	6B 1.0	Mari	4 4	0	Wind	ILLINOIS	A 1a	rge windo	vat t	ne Airp	brt ne	stau	rant w	as bro	ken.
Counties	3:15 PM								Mill Shoals, White	,] 3:45pm	,	0		0	0	0	Tornado
	Thunderstor	ines	down s	evera h Ful	ton a	es and nd not	downe oth	d	County		rnado touc	hed do	wn brie	fly d	ear (fill S	boals.	No damage was
	Clayton cou about 100 c by the fall	ustomer	n. At	ew ca	rs we	re da	paged		White and Edwards	1	5:30 to	?	?	0	0		?	Hail
Newton and Rockdale	11 3:00 PM	i - -i	 	0	0	3	0	Wind, Lightning	Counties		6:00pm	 						
Counties	4:00 PM	1								IAt 5	£30pm, 2 i	hch di	ameter	haili	WBS I	teport	dd near	outheast Illino Mill Shoals in Dion in Edwards
i	Thunderstor power lines	m winds and li	blew d	own a	few ged s	hous	and			Cour								, , , , , , , , , , , , , , , , , , , ,
Carroll County	11 4:55 PM			0	1	0	0	Lightning	Kankakee and Will Counties	8	4:10pm to 5:30pm	18	?	0	0	5	1 4	Hail
	Lightning s 4 miles sou	th of E	bwdon.	The	men w	as un	onsc ic			Hail	as big as	i 4 inc	hes in	diame	ter :	damage	d prop	enty and crops ars and siding
	for about 3			he ap	pared	tly s	uffered 			home	were dar	aged.	At 4:	Opm,	line	¢h hai	fell	on Kankakee, at
Appling County	18 6:45 PM		į Į	0	0	0	4	Hail		Kank	kee Count	v at 4	:55pm,	and a	† 5:3	ŽOpm s	haller	size.hail was
	Golfball si destroyed a	ze hail one-a	damage cre gard	p 25 Ipn ab	acres	of c 5 mil	ern and		Eastern and Central Sections	8	6:00pm		i I	0	0	4	0	l ₩ind
Diameter Country	of Baxley.			 0		0	. 0	Hail	Central Sections	Hich	1	l Iompani	ed thur	ders	orms	cause	d dama	ed in the easte
Pierce County	Thunderstor	į	bed thr	Į.	ļ ļ		į			part	of the s	late. wn dow	lin Beed n. At	her, the s	ame :	Count ime p	v, a g arts o	ain bin and 13 the central ar
Laurens, Wheeler,	near Blacks	hear.		0	0	3	 	Wind			ed off its			i 'n f !	0110	η, эта 	rk Lou !	ity, a garage wa
Montgomery, and Toombs Counties	11:25 P		į			3		 widd	LaHarpe, Hancock County and McDonough	8	6 to 6:23	?	?	0	0	0	0	 Hail
	Thunderstorn bringing gu	sty vin	ds that	down	ed nu	perous	trees		County	A SI	vere thun	erstor	m movir	ko sod	thea	dt thr	pugh H	ncock County
	Several tree					ı Lyon	18,			inch	diameter	hail 1	fell in	LaHar	рв.	At 6:	22 pm,	At 6:08pm, I 3/4 of an inch . No significa
Chatham County	21 4:30 PM	i	İ	0	0	0	0	Hail	McDonough, Schuyler,		6:22 to	orted.	ļ	i i	0	i	ĺ	Tornado
	Thunderstore in the Winso						hail		Cass and Sangamon Counties		8:40pm		<u> </u>			İ	į	j I
Chatham County	21 10:00 P	1		ļo	0	6	0	Lightning		mile	at in a so	∤theast	erly di	recti	on.	The f	irst s	velled about 77 Ighting was a 1136, It touche
	Lightning st Savennah Ele									dowr	briefly :	puth o	f Colci	vjesteri	in	McDono	w i gh Co	inty. The funne
	Broad and Bo was estimate				anna	ı. Dan	age .			was	sighted co	jossing	the 1	il i noi	s Ri	ver in	Cass	oklyn. The fur ounty and agair
Evans County	24 8:00 PM	ļ		0	0	4	0	Wind		Cour	y, the fi	nnel v	as sigl	ted a	gain	and t	quehed	lains in Sangam down briefly no near route 125
	Thunderstorn damaged anot	Her 2	uiles s	outh o	of Cl	xton,	The	i ł		No s	ignifican 	damag	e was r		ed.	1		
Fayette and Fulton	winds also d	lowned	deveral !	tree:	s and	power 0	lines	l Hail	Tazewell, McLean, DeWite and	8	7:06 to 9:16pm	80	75	0	0	4	0	Tornado
Counties	8:25 PM							··dii	Champaign Counties	For	about 80 m	l diles, Mirect	i ja torna lion. J	i adofd N fund	llow elw	ed an	interm	l ttent path in a ted over Sunnyl
	Thunderstorn west of Fays	ttev11	lle arou							in i	Tazewell Co	dunty a	† 7:06	dn. A din ad	s th	e funr emont	el con	inued southeast
Ware Count	Pairburn arc	und 8:	25 PM.		3	5		Wind		at sigt	19pm. W	en the	funne Heywor	th at	7:5	tered Opm.	McLean the to	County, it was nado destroyed unty at 8:38pm.
Ware County	Thunderstorm	winds	damarer	0 16 mx	ŀ	i	in a	WILL		11+ 1	abs again :	ighted	trave	hino q	in th	e arou	und II:	punty at 8:38pm. hiles west of lines 3 miles we
	trailer park	in Wa uta. A	устовв, pobile	caus:	ing mi sales	nor i	pjurie 2			of I	Sehomet in	Champa	ign Co	inty d	† 8:	6pm.		!
	service stat business sig	ijons,	a radio	tower	d, sev	eral	Ì	 	Edgar, Clark and Crawford Counties	9	evening and nig) !	0	0	5	?	
HAWAII	-	NONE	REPOR	i RTED			į			Thur	derstorms	with p	ower fu	wind	s ca	used o	lamage Courty	n the eastern
						!	}			b low fal	in down, to	ees we	re upro ughout	oted, Edgan	and Cou	build nty ou	ings w	n the eastern power lines we ere damaged by dings were damag
•	•	İ	[-			IWO	bith taues	were (amaged i	near	1) by '	ie mg	!
								į	Entire State	15 Sca-	6 to 9ps -	i	. 	į į	0 Iross	5 the s	i	Wind
		ļ	İ	ļ	İ	[į	;										ring the evenion localized dama

	*	PATH	ž	NO. PERS		ESTIM.				•	<u> 1</u>	PATH	Ŧ	NO. PER	OF SONS	ESTIM. DAM		
PLACE	DATE TIME - LOCAI STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
ILLINOIS (conti			[i		į	. '		INDIANA (contin	ued)		 				1	
	sheds, trees a	nd pow igh wir in in S	er line ds caus tocktor	ed trick , Jo	e blop ee and Davie:	wn dow d bui ss Coo	n. I ding	as as grain bins, n Winchester, Scott Jamage. Tree limbs Dimilar damage	Churubusco Whitley County	Wir	age to m	y ĥea	vy ra:	ns d	ause	d mi		Winds
Covel, McLean County	Bloomington.	A gara	ige was	destro	oyed	and th	ear Ci	Tornado ovel southwest of ere damaged, The	South of Bluffton Wells County	8	oding, d		,	 				Wind, hail
Meadows, McLean County	debris was sca 20 5:45pm A small tornad causing minor	 O. do bric	i ? fly tou	ched	٥	4		Tornado out 70 trees and	Near Columbia City Whitley County		to 60 mp age. 1 510P	n wir	ids and	0	0	5	0	Wind
Livingston, Ford, and Iroquois Counties	20 8:00pm Haill from .25	30 of an	2640 inch to	2 inc	escen	in dia † Cit	meter / dest	Hail fell along a 30 oying crops,	Warren Huntington County	Dar bar	age to a	mobi	le hor	le, a	gar	age a	ind	Wind
Livingston County	breaking windsides of build or damaged.	dws, da dings. ∣ ∣	maging More t 	roofs han	, hoth 4,000	es, at acre	of cr	ling paint off ops were destroyed l Wind	Mississinewa		nage to c	ne ba	rn, g	rage	, ar	d tre	es	
Hancock, Schuyler,	21	porthe	homes st sec	ion o	ut-bu f Liv	ilding ingst	on Cour	destroyed a TV ty. Tornado	Reservoir Miami County	8 Fi	600P e persor	s in	jured	 ta	camp	groui	0 id	Wind
Fulton, Mason, and Menard Counties	9:05pm At 7:14pm a f where it dama traveled betw	unnel o ded ser den Dei	dloud wa deral or dvel and	s sig	hted Iding an de	in Wa s. A	rsaw, l † 7:47 ing 3 l	Mancock County, ym the tornado	Northwest Marion Grant County	ag	d by str n south	long v	inds.					Hail
	the puildings On its way to near U.S. Hig One person w	Ray, hway 2 as kil	dmes in 16 farm: 4 in Fu 1 ed i n l	the twere	own w dama ounty ton w	ere d ged o was hen a	emaged - destr elso d beam !	or destroyed. toyed. A barn toyed. A barn toyed. ti him as he was in the town.	Lake & Jasper Counties	3/	630P ·	16	18	0	0	 5	0	Tornado
McLean County	21 9:16pm	0.3 ujched d	18 dpwn in t. A fai	an op	0 en co seve	5 rn fie	 ? 1d 4 r	 Tornado hiles east of the		To La di Co Co Ja	uchdown : ke County rection, unty. As unty, pas sper Coun ction of	irst and pass 7:0 sing	south moved ing No 7 cros south nding	of in rth sed of sout	deda: sou shell into emo	t Lake thea by in Jasp tte i	in terly Lake r nter	
Alton, Madison County	24 afterno	i oh i		0	0	4	0	Lightning and Wind		ti	ction of ngie. Th nuous - s sper Cour	e to	rmado -	gatn	was	mot	ton-	
Entire State	in the Alton Lightning st	area.	Tree 1	ijnbsaj nplabj	nd po uildi	wer 1	ines w Ising	ing:calused:damage re blown down. fires. Flooding	Jasper County	Ha	710P il 3/4 to sper Cour							Hail
	of the state received mor	through than rivers	hout to 15 incl and cr	ne mon nes si eeks n	nce tose a	ome so he be bove	outher gingin flood	in many sections sections of May. As a stage flooding	Near Francesville Pulaski County		715P use had nds. Son							Wind
	were destroy On the 12 = maihly in th	13th 5 e north	rly high to 8 in h, cent	iays wi l l riches l dal ari	of raid eas	losed in fl tern fami	at ti poded section	mes. l low lying areas, ms. Many homes ad to be	South of Winamac Pulaski County Royal Center	8 на	715P il 3/4 ii	 nch r	 	d.	0	0	0	Hail
INDIANA Statewide	evacuated. I several boat County, 1 pe	n Free d floa d son d	dort, S ded dow downed	tepnen Yell while	son ow Cr bike	ounty eek. ridin	Logie In Gle gina I	oat docks and wood, Cook park.	Cass County		732P ges down gs.	and	traile	0 mo	ed ·	off f	ot-	Winds - -
First 2 weeks of June	Heavy rain rivers fur timued to	ther a delay	hed al above Sprin	flood pla	flo sta ntin	oding ge. g in	Con-	Flooding	Near State Roads 29 and 218 Carroll County	St do	839P ate Polic wn. Also this time	rep:	d rted	golf	i inad bal	siz	🛊 hai:	Tornado/hai
Southwest Posey County	farmland a 1 435P 3/4 to 1 i:			0	0	0	0	 Hail	North of Columbus Bartholomew Count	9	840P 4 to 1 i	ch d	iamete	0 T ha	0	3 eport	o ed.	 - Hail -
Jay County	5 Seweral co Roads 18 a tality rel	nd 67	under	wate	:11 a :r.	One f	a-	Flooding	Jennings County	9	dshed wing 1 910P dttered					0	0	 Winds
Ligonier Noble County	8 415P 3/4 inch h			0	}	0	0	 	Terre Haute Vigo County	Lo	940P funnel: qal TV s mph. No	atio	repo	over	Ter	0 re Ha ds ne	ite.	Funnels
3 miles north Auburn Dekalb County	8 415P			0	0	0	0	Hail		}						: ! !		

		TV	PATH	Ŧ		OF SONS		ATED†				CAL	РАТН	E	NO. PER			ATED†	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P.	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
INDIANA (contin	ued)				<u> </u>	į				INDIANA (contin									
Near Franklin Johnson County	9	1000P		¦	0	0	0	٥	Funnel	Benton	1	700P			0	0	3	0	Wind
		ong wind te 65.	s. F No da	unnel mage.	sigl	ted	over	Inte			age	es and : s report lding.	ree :	Roof l			wer cab		
Clay County	9	1010P			0	0		0	Wind, hail	Dunkirk	Du.	ruing.							
	Ext	ensive d	amage	from	[Ash]	j poroi	igh e	ast to	,	Jay County	24	830P			0	0	?	0	Wind
	Hon	ling Gre e and ba l report	rns o	amage	d .	t to	ፄ in				Pos	er line:	and	trees	dow		ĺ		
West of State Road	1 1	1 Topos				!	,,.			Lafayette Tippecanoe County	24	847P	1	25	0	0	5	0	Tornado
37 Bloomington	į		!	 			į				Tou	chdown tion of	ust r State	orthe Road	st o	f th	e in	er-	
Monroe County	9	1100P roximate	1 5	etru	0	0	5 	0	Wind		ro	ghly pa: eral ho	allei	to Ro	pute	26.	Dam	age to	•
	con	siderabi	e dar	hage t	φ tr	es i	and p	ower		Vermillion County	24	840P			0	 0 	?	0	Wind
	tra One	iler par	k one	trai cted	ler . of b	blowi Lock	n on dest	roof, royed			Sta	te Polices down	e rep	orted State	stro	ng v	inds and	and	
	And ed.	ther lo	t poi	rch.	No i: 	hjur:	es r	⊵port 		Fountain County	24	845P			0	0	3	0	Wind
Bartholomew County	9	1150P			0	0	3	٥	Heavy rains		La	ge trees	and	limbs	dow		ĺ		
	Sma	ll brid	e ove	r Fal	Fo	k C	eek	vashe		South Clinton County	24	930P	 						Winds
Greene County	9	1155P			į ,	Ò	?	0	Winds, hail			es down	Shi	ngles	blov	n o	ff ho	se	
	Num	erous t	rees	down a	nd p	 ower	line	β. For		Western Hamilton			<u> </u>				İ		
South of Bedford	, riai	D16-911	 	lepo			7-"	i i	<u> </u> 	County	24				0	0	4	0	Winds
Lawrence County	g	1215A	i	ļ	0	!	?	ļ .	Wind, hail			bs and i r Fisher						hicle	!
_		age to ted.	arge	trees	* *	inc	h hai ,	ի re- ՝]	Pendleton Western Madison			ļ						
Argos Marshall County	13	130P			0	0	?	0	Heavy rains	County		1020P	!		0	0	2	0	Wind
	Hig clo	hway 31 sed dow	nort) due	and to da	sout mage	and	town high	wate	 - -		She blo	riff's (wn off	epart ounda	ment :	epor	ts r	pobil:	home	
	6.9	4" of #	in fe	ll in	24-	pour I	peri 	фа. !		IOWA	 ,	CST	1			۱ ۱,	5	 	S
Noble, Whitley, Dekalb, and Allen Counties	13	200P	<u> </u> 					!	Heavy rains	Madison, Union, Clarke, Lucas, Decatur and Wayne	١.	4:30 p- 9:00 p	Sever	e thu	0 Ider	1 store		6	Severe thunder storm utheast across
Counties		erous f	port	 of 3	¦ ∔6 i	hch	 - lainf	a 111	l	Counties in South Central Iowa	BOL	th centi	al Ic	wa. 1	hese	sto	rms	roduc	ed tornadoes rded separate-
	amo	unts. S	ever	il und	erpa	sses	and	 lved	,		ly car	, hail, sed wate	high r dan	winds age to	and	hear urn:	y ra ture	n. H	eavy rain in Woodburn
Henry County	13	225P			0	0	3	0	Wind		Mad	lison Co	inty)	in lea	is th	an d	ne h	jur ai	at Winterset ong with golf Golf ball
		age to : es down		utbui	din	gs a	pd so	nhe			si	e hail a	150 f	ell a	Cre	sto	and	Aftor	(Union County inty) and at
Eastern Montgomery			ļ								De:	by (Luca vehicles	s Cou	nty) o	60-	ng t	ome i	rop o	amage and dent d numerous
County	13	900P 11 torn	; ? !	?	0 	į	!	0	!		in	es and l bred nea	roke r Dei	transp by whe	iss:	on I	ine :	oles. out th	A man was eglass of a
	sou	th of S	hanno	dale.	Re	bort	eg pa	l l			dan	aged or	e was destr	oyed.	ing i	ε.	Seve	al ta	rm out-building
Benton County		945P			0	. 0	3		Wind	Osceola, Clarke County	7	7:00 p- 7:30 p	-	-	0	0	5		Severe thunder-
_		es and	power	lines	dow	ģ	j Barn'	S 100	-		Àre	a of sev	ere t	hunder	stor	ms 1	ras mo	ving	(Downburst) to the east-
White County	li	wn off. 950P	Win	esti	pate 0	1 0	į i		Wind										Osceola
marce codincy	Cal	port de		d. 1	ĺ	i	į	i	"		Del	ris was ation.	all t A sma	o the	west	of as h	the l	angar abou	ere destroyed. s original t 100 yards and ile home was
Tafanatta mina	ba	ns dama	ged.								des pus	troyed. hed off	Airp	ort ma	nage ock	rs 1	2°X70	not	ile home was
Lafayette, Tippe- canoe County	15	1000P	į	-	0	0	6	0.	Wind	Vicinity Sewal,	7	8:13 p	-	-	0	0	0		Funnel clouds
	Sou	th of i	tere	sectio applia	on of	Sta	e des	ad 26 troye	-	wayne Councy	2 £	unnel ci	ouds	observ	ed r	ear	Seva	. No	(2) ground contact
	wh co	52 on n front lapse.	was Dama	plown ge to	in. mote	Cau 's	sed r	pof t	ф s	Osceola, Clarke County		8:18 p ornado s	? Kimme	30 d acro	O SSa	O n ar	3 ea so	0 uthwe	Tornado st of the air-
Carroll County	the	street 1015P	į	į	ļ	(l 1	Winds	_	por	t. Part tion of	ial r spott	oof lo	ss a side	nd s	hing] On-	es to site	rn off of upper survey indicate
		ttered t	rees	down	ind i	owe:	out	ges			a r det	ath of d ached fr	amage om th	to the e trac	e to	ya s	f tre	es. ed ov	A semi-trailer, er.
Southwest Marshall	- 4	eu .	<u> </u>	ļ			ĺ			Vicinity Sewal, Wayne County		8:30 p tate Pat	? rol T	? rooper	0 's		3 le v	0 s pid	Tornado ked up off the
County	i į	1116P	N/A		i	0	0	0	Tornado	-	roa it	d and de was a ve	nosit ry,ve	ed in ry str	a di	tch.	His	acco visib	unt: "First, ility was
		onfirmed ice. No			epor	ted 1	by St I	ate !			abs	olutely	zero.	Ther	e wa	6 li	ghtni	ing.	I looked out the trees and The wind was
Manchester Koscuisko County	أوزا	1119P	N/A	l N/A	0	 0			Tornado		ver	y severe	and	then a	11 a	t or	ce, f	or ju	st a few
securate country		onfirmed	j	l	!	!	i	ļ			car	popped	out.	A11 1	cou	1d s	ee wa	s led	indows on my ves and water xt thing I
	1		1	!	1	1	i	1	ì	1	kne	w I was	down	in the	dit	ch.	The	trod	per was not in-

		'AL	PATH	Į.	NO. PER	OF SONS		ATED†				YF	PATH	r		OF SONS	ESTIM.	ATED¹	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PA	WIDTH OF PATH (YARDS)	(אור בס	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PA	WIDTH OF PATH (YARDS)	(מורבם	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
IOWA (continued) Northwest through	12		- ـ	-	0	0	6	8	Severe thunder- storms, wind,	IOWA (continued West of Mount Ayr,)	5:05 p	_	-	0	0	0	0	Funnel cloud
Plymouth County east to & in- cluding Fayette	An	area of							heavy rain, hail st across	Ringgold County Extreme Northern Iowa	21	riff's d 6:30 p- 9:00 p	- -	obser -	0	0	3		Severe thunder- storm - wind
	pro clo	duced 1 uds (rec	torna orded	do (re separ	cord atel	eds y)a	epara	tely) e fol	vening that and 4 funnel lowing: Wind (Plymouth	20 - i lan Nauthanat	Win	ds gusti er lines		70 mg	h ca O	used 0	powe 0		ages and downer Funnel cloud
	Cou rai gol	nty), ki ns and 2 f ball s	lled % inc ize h	livest h hail ail ne	ock at ar R	in P Marc embr	lymou us (C andt	th Co hero) (Buer	unty, heavy ee County), a Vista County),	30 miles Northwest of Lamoni, Ring- gold County	Air	craft pi	lot d	bserve	da	funn	el cl	oud.	
	rai Cou rec	n and wi nty) and eived in	nd gu Dunc 30 m	sts to nt (Bu inutes	50 tler at	mph Cou Alli	at Me nty), son (serve 2.2 Butle	nty), heavy ŷ (Cerro Gordo inches of rain r County), a	North, Northeast and East Central Iowa	A 1	5:00 p- Midnight arge are	a of	heavy	0 thun	0 ders	7 torms	move	Severe thunder storms - wind, rain, hail d out of
	6 m gus	iles nor ts to 80	thwes	t of (lark mac	svil hine	le (i shed	utle:	nto a house County), wind and uprooted y) and high		Min (re	hesota i corded s erved (r	nto I epara ecoro	bwa an tely) ed sep	d tr and arai	acke seve	ral :	th. dunne: raigh	One tornado Clouds were t line winds
	win ove	ds cause rturned	d maj a cam	or roo	f da par	mage King	to a	of ma	e at a mall, ll, damaged a ing two autos		bui	ldings. troyed.	Seve	ral ro	ofs at	blo:	n of	and nce	to farm out-buildings (Buchanan Count ar Fairgrounds
2 miles West of Armstrong, Emmet		t were i 2:30 p	nside -	at Wa	ver1	у (<u>в</u> О	reme:		ty). Funnel Clouds (2)		nea	troyed.	Air	lane a	s re	lve:	n air	crop	thrown into
County 7 miles north of	COT	funnel tact. Shortly		s obse	rved 0	by 1	truc}	dri	ers. No ground		(M)	tchell (15 mile und with	mile ounty long all	long post of the contract of t	dama in des	ged this	by hapath	il. was hail	r to Osage A 3 mile wide just barren Tennis ball ty) Numerous
Humboldt on High- way 169, Humboldt County	The	after 4:00 p driver	of a	nower	COM	nanv	vehi	cle d	rove over a hill		5 t	e hail f ds under o 6 inch ar Rapid	es.	t Otra r in m Urban	nto orti	(Min hern din	Chel: Iowa occi	afte: arred	ty). Numerous rainfall of in downtown
	ob wii	v a catt ject, wh dshield hicle we	ich c and nt to	nk fly ouldn' he los the o	ing : be cou	ide ide ntro sid	ss th ntifi l of e of	e hig ed, h the v	hway. Another it the truck's chicle. The ighway into the	Vicinity Fenton, Kossuth County	ļ	7:15 p	-	-	0	0	٥	0	Funnel cloud
	DO:	th of a : ne abou	semi. . 4 f	Witn . Off	esse the	gro	id th und b	e veh efore	ighway into the icle was air- striking the	5 miles north New Hampton, Chickasav County		7:18 p	-	-	0	0	0	0	Funnel cloud
Near Belmond, Wright County Over Alexander,	Fu	5:15 p mel clo 5:15 p	d ob	- served		0 9 g:	0 round 0	cont		1½ miles northeast Mallard, Palo Alto County	23	7:50 p	-	-	0	0	0	0	Funnel cloud
Franklin County Sioux/O'Brien	Fui	nel clo 8:30 p	?	?	0	gr 0	ound 3	conta 0	Tornado	Northwest of Humboldt and at Livermore, Hum-	23	8:10 p	-	-	0	0	0	0	Several funne
County line Extreme West and	We!	e uproo	ed.	l mil A stee	e we: 1 bii 0	was 0	nd 1 s tos 4	mi.S sed 1	Sheldon. Trees 000 yards. Severe thunder-	boldt County Bradgate, Hum-	23	8:12 p	_	-	0	0	0	0.	Funnel cloud
Northwest Iowa	CO	ded sep	rate	y) an	d the	fo	llowi	ng:	storm tornado (re- Hail the size ty), crop damage	Rolfe, Pocahontas County	23	В:12 р	-	-	0	0	0	0	Funnel cloud
	due (Mo	to hai: onona Co oughout	in nty) area	heav Som	e sti v ra: e hou	rip in an	from nd gu and	Onawa sty. w out-b	to Kennebec inds to 60 mph wildings	3 miles north of Troy Mills, Buchanan County	23	0:33 р	-	-	0	0	0	0	Funnel cloud
	800 the	0 chicke	ns w	re ki	led	wher	ı str	ong w	vere uprooted. inds caved in farm in Dickin-	Center Point, Linn County	23	9:40 p	_	-	0	0	0	0	Funnel cloud
Highway 69 north- east to Ocheyedan to Harris to		4:00 a	1	*2 miles		0	6 down	5	Tornadoes (2)	Near Urbana, Benton County		10:12 p		-	0	0	0		Funnel cloud
5 miles northwest of Lake Park into Jackson County Minnesota	a hea	ouse 4½ rd a roa theast o	mile: r. f Ha	sout cards ris.	were Tops	of blo	Oche own t corn	yedan hroug bins	Residents a farm home were blown off	Rinard, Calhoun County 1 mile west of		10:35 p		30	0	0	0		Funnel Cloud
minesota	10 Mar car	cattle) ny roofs rying h	of he igh te	on fouses	arm : and h	mi: arns (3	es n blo 15 KW	orthw wn of } fro	00 hogs and est of Lake Park; f. Steel towers Iowa into	Pomercy to Pomercy, Calhoun County	Por	nado des er lines	troy dow	dam ed.	chi	ne s	hed a	nda.	county building
	di:	ector ma	de a	rial on.	sur ve	y ar	d sa	v def	ke Park. CD inite evidence of two tornadoes	East of Fonda, Pocahontas County		10:55 p		-	0	0	0	0	Funnel cloud
Central to South- west Iowa		7:00 p- 10:30 p	-	-	0	0	5	0	Severe thunder- storm - wind,	5 miles northwest of Iowa City, Johnson County		11:42 p		_	0	0	0	0	Funnel cloud
	ing and shi (Gr (Mc	wned 1 in Strong to the Strong	ornaci g win imnej f a l nty), Cour Sher	o (reds to solve to s	70 m 70 m and c a ro Heav	d seiph to Chur of of or rainty raint	para hat dan d tro ff a ins	tely) cause (Gree es a barn occur	rain yaugh area that and the follow- i roof damage e County), blew t Jefferson at Stanton ed at Villisca, ooding, Several r Counties.	Woodbury and Monona Counties, extreme western Iowa	70 at str car str (Wo	7:00 p ine of h mph, ver the Siou uck a li	eavy y hea x Cit ight ire. ine wi	y Weat ole in Large nd ble	tree	Servers	il. ice (ide o: ibs we	Two ffic Sio re d	Severe thunder storms vind gusts to inch hail fell . Lightning ux City and owned. Strong at Salix ere observed
3 miles North of Corning, Adams County	Bri	8:22 p ef touch Moines	? down rada:	? in ru:	0 ral a	0 rea.	4 To:	0 rnado	Tornado evident on	4 miles north of Sioux City, Wood- bury County	28	5:06 p	-	-	0	0	0	0	Funnel cloud
Butler, Grundy, Bremer and Black Hawk Counties of		9:05 p- 10:20 p		- ines	0	O 3 f dama	4 oot	0 diame	Severe thunder- storm - wind er trees up-	Between Whiting and Onawa, Monona County	28	7:00 p	-	-	0	0	0	0	Funnel cloud

	!																		JUNE 1981
		SAL.	PATH	E		. OF		ATED!				CAL	РАТН	Ξ		. OF		ATED1	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	CHARACTER OF STORM
IOWA (continued Extreme east central Iowa into northwestern Illinois	29	10:00 p		of w	0 nds	0 arou	0 nd 50		Thunderstorm - wind, hail and flash flooding and marble size	KANSAS (contin Lawrence, Douglas County and Southern Jefferson Counties		5:45- 6:50p	10	200	1 1	33	7	5	Tormado, Hail
KANSAS Finney and Hodgeman Counties	hai	1. Rair Henry Co	£a11	2-3 ir	ches ois)	cad			lash flooding Hail		path mile sout wal	toward to then se town of town of a disc	e sou down One ount s	heast. for and death i tore.	It ther esul Thir	ifte half ted w ty-th	d afte mile hen th ree we	r movi 5 mile e stor re inj	at 6:32p and cut a ng on the ground 4 s east and 2.5 m knocked over the ured, but 30 of
Belle Plaine, Sumner County	Ka1	westa to 8 8:25p	miles	southe	sto	Kal O	vesta. 3	0	es southwest of Funnel/Wind		mob a to sust near	destroyed le home potal loss. ained cons ly levele	and a rk was A sho iderat d. Hai	nother hit w pping a le dama 1 3 to	30 s th compl ge w 4 in	ustai 75 ho ex ne th s thes	hed co mes da ar 31s ome of in dia	nsider naged It and I the s neter	Twenty-two houses able damage. A and 60 of those lowa Streets haller buildings also fell from this
Mulvane, Summer County	powe town	er lines in 1. 18:40p	ή Belli 	Plain 	4. A	funn	el was	lalso	r felled trees and bighted over the l Wind	Bourbon, Crawford and Montgomery Counties	19 Thur	n in Soutl 6:40- 7:45p derstorms	moved	throug!	O Sou	0 theas	5 Kans	4 as wit	Hail h hail from 3/4
Kiowa County	thro	ojugh Mulva 	Short	ging to Narrow	ees 0	and d	owning 0	power 0	 Tornado 	Council Grove, Morris County	the 19	Fort Scot 7:00p	t area 	and dar - -	naged 0 	vehi 0 	tles,	roofs 0	Funnel
Jefferson County	of (7:35p	The	twiste 	was 0	movi	ng slo	wly to	east and 3 north ward the west. Funnel	Nemaha County Oskaloosa, Jefferson	19 Go11	nnel was : 8:00p pall size 9:00p] -) 	0	0	0	3 miles	Hail south of Seneca.
Franklin County Osage, Franklin,	A fu	9:58p 	i ighted	5 mile	0 - s we: -	t of	0 Ottaw	i	Funnel - - - -	County Johnson County	A fu	 	1	just v Narrow	 est	-		 	Funnel Tornado, 2 Funnels
Miami, and Linn Counties	Thur	Morning- Mid Day derstorms	lain.	The riv	ler w	ent o	t of	banks	er Basin with 6 to and stayed above	District Courts	Air at 6	Force Base 00p, and	at 5	158o. f	unne e be	s we ween	re sig 6:00 	ted n	
Stevens County	agri 11	5:35- 6:30p	quipme 18	nt as 2000	evee:	pro	sected 5	popul i 5 i	Three persons to crops and ted areas. Wind, Hail, Funnel	Phillips County	Funn	els were s	ighted	at Log	an a	t 9:2i	p and	illipsi at Loi	Hail, 2 Funnels burg at 9:55p. Ig Island at 10:08p;
Morton and Stevens	from in a	n near Fet diameter a	drita Iso fe	to 10 m 1 caus	lles ing d	east amage	of Hug to cr	oton. ops, a east o	es per hour moved Hail 1/2 to 1 inch utomobiles, and F Hugoton.	Ogden and ft. Riley, Riley County	Funn	3:00a rnado set els were a	down b	Narrow riefly ghted c	in or ver	t. R	ley a	near (t 2:35	Tornado, 2 Funnels gden about 3:00a. and 2:42a.
Counties Southern Finney	a st	7:00p 	inds e	tolla to	d at Hugi	75 m	iles p Farm 4	 er hou machi	r were reported as hery was damaged. Wind, Hail		A th	2:44a Understorn 5:00-	i	ed base 40 mi.		0 size 	4 hail 5	at Lind	Hail coln. Wind, Hail,
County	Thur	derstorm waged build	i inds	o 70 m	les	er h	our an	 hail	1/2 to 1 inch east of Garden	Pottawatomie, Northern Wabaunsee, Shawnee, Douglas, Miami, Johnson, Southern Jefferson, Southern Jackson, and Franklin		8:15a							Funnel
Northeast Pawnee and Southern Barton Counties	15 : Thur	4:00p- 4:00a derstorms	25 soaked	15 mi. I an are	l l a ale	0 ing at	7 nd 15	miles	Rain, Hail	Counties	Size	accompani heast thro	led sev Juah Ma	jere thu Inhattan	Inders	torm	from	aroun	asionally baseball I Clay Center east lathe and Paola.
	5,00	p persons:	were e	vacuate	a.		į		h 10 to 17 inches rom the storms. Walnut Creeks out undee. Nearly		line	crop dama s were dow	ge in ned bu	t most	unty	be tw	en 5:	00 and	vis Municipal Air- thern Shawnee il caused consider- 6:00a. Some power by the hail. A ty at 7:43a.
Marion, Morris, Chase, Lyon, Osage, Wabaunsee Shawnee, Jefferson, Douglas, Franklin, Johnson, and Miami Counties	15	2:00a- 7:00a 	150	70 mi.	0	0	6	5	Wind	Hoisington, Barton County	Six of t	ne norther ts banks,	les of l ln 2/3 lfloodi	of Bart ng the	d go on Co sout	untvi	Pun	hail	Rain, Hail fell upon most at Blood Creek out con and forcing the
	acro Coun and Mari on t	s eastcer ty to the some outbu on County he south	packir tral k Kansas ildinq about ide of	g winds ansas i City a s were 3:30 a, Topeka	in e n a g rea. destr at (xces ath Tre oyed ounc :15a	of 70 0 mil s and Dam 1 Gro and	O mile es wid power age wa ye Cit in Mia	per hour raced from Marion lines were downed greatest in y Lake around 4:15al ni County about	Lyon, Southern Coffey, Greenwood, Woodson, Wilson, and Neosho Counties	22	6:15- 8:00a	100 14	#111es. 40 mi.	0	0	5	4	Wind
Woodson County	18 A fu	7:30p nnel was s			0 es no	0 rthwa	0 est of	0 Yates	Funnel Center.		dama wind and	ped. Part speed was home und	nanute of a measu er con	. Some motel r red at structi	powe oof w 69 mp on we	r lin as ri h at re re de	pped the Co	e down off in ollege d and	around Emporia ed and trees Emporia and the A trailer home several other wo hangars were
Woodson County	Hail	2:00a up to 3/4 ections of	inch land	in diam in the	0 eter nort	cause east	0 d dam part	ige to	Hail wheat crops in county.			away at red at 74							

		r		T	Γ		T				:						1		JUNE 1981
		CAL	PATH	Į <u>.</u>		. OF Sons		IATED† IAGE				CAL	РАТН	Į	NO. PERS			ATED† IAGE	
PLACE		35	OF F	F PA			>		CHARACTER OF	PLACE		38	P (S)	4 S			>		CHARACTER OF
	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	STORM		DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	STORM
KANSAS (continu	ued)				f	i		ļ	ľ l	KANSAS (contin	ued)			[((i	ļ	l L	[
Inman, McPherson County	22	10:40a			0	0 '	4	4	Hail		l			SPECIAL !					
	Golfi	l ball size	hail f	ell in	l and a	round	Inma				espe	ecially dam	a Hai aging	Loss S	ervic s on	e re	ports follow	indica ing da	te hail was tes in the listed
Pawnee County	22	11:00a-		1	0	0	5	4	Lightning, Hail		1	nities. Ness, Rep	lublic	Cumpa				İ	
	الغما	12:00p		 	<u> </u>	j 					1	Haskell		Junite			i		
	hail	fell nort	n of R	pzel.	\$ 10 1	miles I	nort	ротв	urdette and 2 inch		1	Decatur,	 Sheri	lan			! !	i	
Wichita, Sedgwick County	22	2:55p	į	<u> </u>	0	1	5	0	Lightning		111	Reno, Sal	ine,	eward			 	!	
	The	bell tower	of 0	d City	Hall	the	Wichi	a Sec	gwick County		14	Barton, E Saline, S	dwards	Ells:	orth	Gra	y, Hod	geman,	Pawnee, Russell,
	Many	fires we	e star	ted and	powe	er li	nes da	naged.	ightning struck it. One person was treated and		15	Barton,	!	!				!	
		ased.	l I	to cite i	lospi	µa≀w ∐ I	nere i	e was	reated and		ł	į :	ŀ	!	tte.	Leav	enwort	l h. Lva	! h, Miami, Nemaha
Frankfort, Marshall County	24	5:45p	Short	Narrow	0	0	0	0	Tornado		1	Crawford	ĺ	i					
	A to	rnado tou	 hed do	i wn in d	pen	count	гу 6 п	l les v	est of Frankfort.		21	Clay, Jac	kson,	 Jeffers	on,	li tch	11, 0	sage,	l Ottawa, Reno,
Blue Rapids,	24	6:24p			0	0	4	4	Hail		22	Riley, Si		!	aho1	Do		h	Rice, Rush,
Marshall County	Go 1 f	 ball size	hail	fell in	land	roun	H Rluc	Panio	 		"	Stafford	or ner	 		, га	wiiec,	l	kice, kusii,
Powhattan, Brown		6:45p			1 0	0	4	i '	l Hail		1	Stanton					i	 	
County		,					 	İ		KENTUCKY	26	Smith		i					
		ball size	hail 1	ell in	!!	ŀ	i	ļ		S Zion, Henderson Co.	lst	520 PM	2/1.2	 		i	! I	!	Hail
Mulvane, Sumner County	25	Early			0	1	0	0	Lightning 	River bottom land	Mid	June	3/4 1	hch hai 	rep rep n	n	4	6	Flooding
	A ma	l h was stro litalized	ick by	lightni	ing wi	ile ile	l Using I bear	the te	lephone. He was one ear and some	along Ohio River			Sever	al loca above f	tions	alor	a the	iOhio i	iver
	in t	he other.	0, 5.	μω, σ 			"Cu'	 					Over were	100,000 flooded	acre	s of	prime in ov	farm er 2	and
Emporia, Lyon County		11:29a		i !	0	0	0	ĺ	Wind			! 1	month	pn doll almost	1 fok	ot of	preci	pi tat	on had fallen
	A th Airp	understorn prt. No d	i prodi lamage	ced wir was rep	ds me orte	as ur	d at	65 mph I	at the Emporia				plant	rtain a ing due ed will	to ti	ne f1	ooded	fields	delayed from and any crops
Ft. Riley, Riley County	28	Early morning			0	0	ļ ļ 5	0	Lightning	Most of west and	lst I	half month		eu wiii	. i	- 1	١.		Crop Flooding
	Ligh	i - '	fire t	 0 8 fra	i me bi	ildi	hgs.	The bu	11dings and their	southern KY			parts	of wes	tand	sout	rted t hern f	o crop	across y. Washing
Thomas County		ents were 5:39p		l loss. Narrow		! ! o :	0	! ! 0	Tornado			! i	the b	iggest	orobile	em wa	s the	delay	, however in spring
			o tou	l hed dow	n br	efly	3.5 п	les e	ast and 5 south of				tobac		ss due	to!	late p	lantir	corn and g will run
Wichita, Sedgwick	Colb	Ĭ	Short	Narrow		0	0		Tornado	Southeast KY	6th				2	. i	7		Severe Flash Flood
County		1.52p 	51101 €		"	"			I	Rowan			of so	utheast	Kenti	icky (killin	throug g 2 pe	h a large portion ople and injuring
		rnado touc ita.	hed do	wn at 1	lst	and S	outh H	over	in Southwest	Pulaski Bracken Adair		! i	home 1	ess. M	any r o	ads	and br	idges	00 families are were washed out on bridges fell
Overbrook, Osage	29	4:12p	 Short	 Narrow	0	0	0	0	Tornado	Breathitt Knott		! i	into	Flooded	streb	ms.	In Kri	ott co	unty many homes are homeless.
County	A to	 mado_touc	hed de	wn hria	flv	n on	en cou	htrv :	i miles south of	Owsley Casey		į	Damag	to ro	ids an intv i	d pu	blic a 5 mill	nd pri ion do	vate buildings in llars. Contamina-
		prook.		, b		0		!	1	Lee Jackson		i !	ted w	lls we	e als	a pa ion	sing a dollar	probl s wort	em. In Jackson h of damage was
Kiowa, Butler County	l	4:30p			0 	1	0	i	Lightning	Floyd			be th	worst	in ow	er i)	0 year	s in s	was reported to ome areas with es washed out. The
	re le	tning stru ased.	ick a j	roung ma	in. I	le wa:	s hosp I	ptaliz 	ed 2 hours and				Gover	nor dec	aire	10 J	count	es dis	aster areas. In 5 homes, and 25
Cowley County	29	5:00p	Short	Narrow	0	0	0	0	Tornado	Barren County		} }	busin	sses w	re se	riou	sly da I	maged.	, ,
	A to	rnado set	down t	riefly	9 mi	es w	st of	Arkar	sas City.	Glasgow Kentucky	10		Nearl	4 inch		0 raik		2 within	Flash Flooding
Johnson County	29	7:00- 9:00p			0	0	j 5 !	0	Rain				minute were f	s at G looded	asgow Wat	Ky la er wa	and ali as floi	l lowi	lying streets
									l curated soil to Mission and			i 1	ил паси	of a (roce	y sto	ore, B	arney	annon of
		and Park.	iu anu	Street	 	i !	i i i	laune	EO MISSION AND	Shelby Oldham County	10	630 AM	Sever	thund	0	1	5	3	Severe Thunderstorm
Harper County	30	5:13p	Short	Narrow	0	0	0	0	Tornado		į	Ì	Oldham Chres	Cty.	The co	mmun rdest	ities hit.	of Per	Wee Valley and s Body Shop was other houses in
Hampon County		rnado droj		!	! !	ł	1		Harper.		ļ								
Harper County	30 Atr	i		Narrow wn for	i	0 ort t	0 Ime 4	niles	Tormado Nest and 1/2 south			j j	estima shopw	ted at p as throp	up tp wn 100	100 yea	mph.j ⊪rdsak	The de	bris from the body
		arper.		 	ju 3111 	γιε (, 	,c 4 	1 162	incoc and 1/E SUUCh			ŀ	out th	e area	≀amen verelt	er w	ere up ed dube	rooted: tout	Roads through- rooted trees. The it was the worst
								Ì		ļ ļ		. }	damab	e) we h	ve se	en ji	n 6 ye	ars".	was the worst
		!							<u> </u>	Counties	10	,	tore:	20 ado tou	0 hed d	7 lown	briefil	y near	Tornado Washington Ky.
										Maysville and Washing- ton, Kentucky	!	į,	wo hoi vere di	use tra estroye	ilers, I. βe	3 h	ousesi, peoplie	and be were!	smoke house injured after
								!			i	10	eing ji offit:	nit byli s founda	Tythg Itioh	deb afte	ris.∣ rwat e	A hous r from	e was lifted a creek rose t they heard
	١,	ļ		į	li						ŀ	į.	roari	ing sour	d in	edia	tely b	efore	t they heard the storm hit.

			I		NA.). OF	FCT"	AATED†			1	_	-		1,10	. OF	F	LATES	1
		S	PATH	Į		RSONS		MAGE				CAL	РАТН	ĮΞ		sons		AATED!	1
PLACE	1	3 2	200	4 8			_	T	CHARACTER	Blace		29	S) P	2ૂં જૂ			١.	Г	CHARACTER
, EACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
KENTUCKY (co	ntin	ued)	!	!	!	1	i	ł		LOUISIANA (cor	ntinu	ied)	<u> </u>	!	!	!	i	!	!
McCraken -	20	310 AM	inds eport	gusting s of da	0 abov mage	0 60- 10 Pa	3 miles ducah	i 2 an hou Kentuc	Severe Thunderstorm r caused scattered ky	Vermilion Parish	5	8:00 AM eavy rain		detros	0	O	3	0	TSTM Winds, Heavy Rain
Little Zion, Webster CO	21	1100 AM	rees	plown o	ver,	inds 	in e	cess o	f 60 mph Winds		home	and sever	nor w	ind dam	age t	o a h	ouse,	B mobi	le le
C Henderson Co	21	1115 AM	 Barn winds	toof bl	dwn o	ff, t	rees u	 protte 	d Winds	Cameron Parish	5	8:40 AM Minor wine Johnsons 1	dama	ge to h	0 mes	0 was r	2 eporte	0	Winds
Calhoun, Mclean Co	21	1130 AM	Trees	blown	over,	wind	s in e	xcess	of 60 mph Winds	Jefferson Davis	5	9:15 AM	ayou.		0	0	3	0	TSTM Winds
S Owensboro, Daviess	21	1145 AM	Trees	blown	down,	wind	j pine	xcess	pf 60 mph Winds	Parish	hlow	Moderate o	lamage	to a m	ble	оте	in Jer	nings	
Whitesville, Daviess	21	1150 AM	Trees of 60	i ,blown d MPH	l Ibwn,	 winds	I in e.	cess	Wind	Cameron Parish	5	11:03 PM A small to	1/10	16	0	0	3	0	Tornado
Central and Eastern	21	 10am-4pm			0	24	7	5	Severe Thunderstorm		ohns	ons Bayou		destro	yeu a	barn	near		
Kentucky including counties of Franklin, Scott, Harr-		i . ! !	across	i Centra	ere t	nunde East	rstori ern K	as move	d swift! ng intensive lozens of	Rapides Parish	5	11:20 PM		33	0	O	5	?	Tornadoes
ison, Woodford, Ander-	4	1	minor	injurie	:5. L	exin	ton w	s hard	lest hit		40 c	A tornado ars and a	car de	alersh:	p sh	wroa	n at 1	2:20PM	
Clark, Boyle, Madison, Bourbon, Harrison,		!	Severa	peopl	le wer	e in	ured	inclu	ding a broken		Foxf	he same ti ire Farms,	2 mil	es SE o	f Al	exand	ria, d	estroy	t ing
Robertson, Garrad, Est Montgomery, Fleming,	iı,	!	Hill,	the Lex	ingto	n hon	tent e of (oveno	m over. ding a broken At Cave Browm	Rapides Parish	a ba	rn and inj 11:30 to	ur ing 5½	17 tho 40	urou:	hbre 10	k hor	ses.	Tornado
Bath, Mason, Nicholas,		!	the re	mainder	of	exind	ton a	Well	ac most of			1:00PM	12:30	PM. at	hird	torn	ado to	ched	
Carter, Hardin, Pulaski, Boyd, Greenup	ļ										over	a 20-bloc	k rad1	us. Ti	e Br	nch	Office	of a	Ì
	i l		70 mil Center	es an h was ac	pur.	The ed to	state hand	Emerge e the	ncy Operations		Bank	in a mobi tment dama	le trai	ler was	desi	rove	d and	a in	
			report minute	s The	stor	ms or	ly las	ted le	tensive. The in excess of incy Operations damage iss than 15 ge trees		scra	p yard da a church.	maged	a numbe	r of	home:	, bus	inesse:	
									power e will run		yard	was heavi	ly dan	aged.	The t	orna	o the	n ·	
LOUISIANA			into t	ne tens	of n	illiq	ns of	dollar	s.		Pine	ville at I royed, the	2:40 F	M. One	hunc	red :	rees	ere	
LOUISIANA		CST		'			i				demo	lished, an Library we	d the i	office	of th	e pri	siden	and	
Southeast Portion	1	5:00 to 6:00 AM			0	0	3		TSTM Winds and Lightning		afte	r being hi	t by a	fallin	g tre	e li	b at	the	
ĺ		Heavy rain Duma, Chal	s caus	ed exte	nsive	stre	et flo	oding	DISHCHINS		main	ery. Thre	ilding	, altho	ugh t	hey t	ere c	vered	
1	Orle	ıns. Stro	ng thu	indersto	, Avo	ndale nds a	, and lso ca	New used			into	rubble.	ille d	ommunit	ly, wh	ere 1	he ro	f was	
St. Landry Parish	wi de:	pread pow 1:00 PM	er out	age.		,	٥		T.f.abendon		comp.	offan e ny had wit	ndows	blown o	ut as	nd a	funne.	te 1	
Opelousas		ightning	deflec	ted alo	ng a	telep	hone 1	ine	Lightning	Rapides Parish	retu	med to the	e clou	ds.	١,	0	0	0	Heavy Rain
	stri	ing a man reated an	and k	nocking	him	uncon	scious	. He				A seven-ye	ear-ol	d Alexa	ndria	boy	drown	ed	neavy kain
Orleans Parish		I:40 to			0	0	0		Funnel clouds,		while wate	playing during h	in a d eavy n	rainage ain.	dito	h fil	led w	th	
		2:00 PM unnel clo	uds we	re sigh	ted n	ear t	he Lak	e	waterspouts	West Feliciana Parish	1 1	7:30 PM	· I	7	0	0	4	?	Tornado
	Pont	hartrain the Lake.									St.	A tornado Tancisvil	le dam	aging a	wood	-fra	ed hou	se,	
Webster Parish &		3:00 to				0	01	С	Hail		dest:	oying seve	eral d	rees an	d inj	uring	seve	al	
Bossier Parish		4:00 PM ea-size h	ail ne	ar Spri	ng Hi	11 in				Northwest Louisiana	6	8:00 AM to Noon			0	0	4	?	Severe TSTM Winds
	Paris Paris	h, and ma h.	rble-s	ize hai	1 1n	Stone	wall,	Bossie	r			rea of seve moved ear							
North Half of LA	2	3:00 to			0	0	4	?	TSTM Winds and		Rive	r, and Win	n pari	shes. N	umer	us t	ees w	ere	
	,	7:00 PM hundersto	rnas nao	ved eas	t thr	ough	Bossie	, l	Lightning	Coastal Parishes of		s falling							
	Red I	liver, DeS ing winds	oto, a	nd Linc ightain	oln P g:	arish	es vit	h		Louisiana	10	NOON to 4:00 PM			0	0	6	4	Heavy Rains
	dest	oying tre	es and	causin	g pow							y rains da							
	Minde	en.	•						W		wast	efferson D ed out ric	e fiel	ld leve	s car	ısing	crop	losses	
North Half of LA		8:00 PM to 1:00AM			0	0	4	?	Heavy rain, lightning	'	and	n flooding businesses	in ce	ntral 1	lew 0	lean	s. in	Baton	
	Catal	he thunde oula, Con	rstorm cordia	s then	noved ashin	east gton	throu Parish	gh es			sieu	e and in \$ parishes	of sou	many, I th Loui	sian	cte,	and C	HTC9~	
' h	where	heavy ra er Park a	în cau	sed ext	ensiv	e str	eet fl	ooding	1	Orleans and Jefferson	10	4:00 to			,	1	3	0	Heavy Rains
	in a	building ning stru	supply	store	at Bo	galus	a at 1	0:00PM		Parishes	[7:00 PM tning and	errone	thumd	reto			_	Lightning
	at Mo	nterey in	Conco	rdia Pa	rish	aroun	d 1:00	AM.			tree	s and down	ed pow	rer lin¢	s ca	ısing	a los	s of	
Ferriday, Concordia Parish	3	12:05 AM	_	30	0	٥	0	3	.Tornado		Roug	e for abou	t an b	our and	for	abou	7,00	b hriat	
	ьу	Several t mall torn	ado.	n a pec	an gr	ove w	ere up	rooted			for	one to the ans police	ee hop	rs. Lig	htni	ng in	jured	a New	
,	-										at \$:30 PM, He	was	reated	and	elea	sed fr	om the	
		Tropical									disd	ital. At otheque co	llapse	d unde	hea	y ra	lns. A	7:00	
,	ever	co east o ing of Ju	ne 4 a	hd move	nor	th in	to sou	theast			line	man drown	uck at	ter st	ng t	sec at	ure a an und	cow erpass	
		s on the	5. As	the De	bress	lon u	oved 1	nland		l		feet of v							
	Texa	pread hea	vy rai	ns, sev	ere T	STMS I	and se	MeraT		Madison Parish	י חו	/:Do pw '	1/10	7 '	η,	ו ח	3 1	י חו	
	it s Tore	pread hea adoes ove 6th.	vy rai	ns, sev	ere T	STMS	and se on th	e 5th		Madison Parish	10 A 95		1/10	1	Ched	0 down	3 1n Ta	0	Tornado
Rapides Parish	it s Tore	pread hea adoes ove	vy rai r West	ns, sev and Ce	ere T	STMS	and se on th	e 5th	Tornado		A sm	all tornadong the root	o brie	fly to	iched	down	in Ta	llulah house	
Rapides Parish	it s Torn and 5	pread hea adoes ove 6th.	r West 1/10 uched	and Ce	ere T ntral 0 ar F1	STMS LA, 0	on th	e 5th C	Tornado	Lincoln Parish	A sm taki 10 Light	all tornado	o brie f off	fly too of a co	ched untr 0 ome	down clu 0 n Ru	in Ta pump	llulah house O	Tornado

	1		,		_							,	- 1				_	-	JUNE 198
		COCAL	F PATH	7ATH		OF SONS		ATED†	CHARACTER			COCAL	PATH	PATH U	NO. PER	OF SONS		ATED [†]	CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
LOUISIANA (cor	ıtinue	d) i		1	į į					MAINE (continu	ed)		ļ				ĺ	!	
Jefferson and Orleans Parishes	22	2:05 PM	2.3	20	0	0 For 5	4 minut	0	Tornado, Hail Lightning	York, Cumberland, Androscoggin, Kennebec, Sagadahoc, Lincoln,		12:30 - 6:30 pm		 	0	ĺ	5	İ	Severe Thunder- storms
	near outag	30 Pm oes the lakes es in New na was h:	ront, Orle	lightn: ans, and lightni	ng da a T ng. At	mage V. s 1:4	cause ation 5 a to	radar rado	r	Oxford, Franklin, Somerset, Penobscot, Piscataquis Counties	ning	accompani hern Maine	ed a 1 Satur	ine of day aft	inter ernoc	se t	Bunder Strong	storms winds	and severe light- as it moved across downed trees and dings with several
	touch Missi The t	ed down : ssippi r: ornado mo	n Alg: ver a ved no	ers on cross fi ortheast	the tom the acre	Vest ne Fr nss t	oank o ench Q ne riv	f the parter er to			Thre Seba	s in Sebec e waterspo go Lake in	and N uts we Stand	orth Wa re sigh	yne i ted o eru f	ecei n Ta ad e	ving t vlor P stimat	he mos ond in ed win	destruction. Auburn and one on d gusts to 60 mph.
	Six h a car damag	bank near omes were and four ed was su ne and Po	damag school stain	ed, sevel buses ed to to	eral were	roof dam	demo	lished and			Phil inch in e	∏ips had i pes in 20 map	85 inq inutes 12:30	hes of as well pm to	rain 1 as 16:30	in 2 1 in 1 1 pm E	0 minu th hai DT acc	tes. 1. A ompani	n gust around 3 pm. Eustis had .75 tornado watch was ed by timely ar.
Terrebonne, Ascension East and West Baton Rouge Parishes	22	4:00 to 6:00 PM			0	0	3	?	Lightning, Hail and TSTM Winds	Kennebunkport, York County	11 An a	12:30pm irborne pi	i lot as	i well a	l 0 Is sev	0 eral	0 groun	l O base	Waterspout people saw a
0	Light: Blue power	ning dest Pea,to ma lines we	rble-s	sized ha	il fe high	ell a wind	Baton and l	n Rouge neavy		MARYLAND &	1and	fall in it	τ off s few	mne coa minute	life	om K span	ennebu 	kport	It never made
	rains an ar Louis:	caused e ea of thu iana.	xtensi inderst	ive urba	n sti	eet	loodi hrough	ng as n souti		MARTLAND & North Central and Baltimore Area	13-1 14	9:00 p-1 1:00 a	.		1	0	5		Rain
Coastal Parishes west of Morgan City	23	9:30 to 11:00 AM ball-size	1/10 d hail		0 mph	0 winds	3 caus		Hail, Tornado		3.5 port	inches. Fl ions of Be	ash fl ltimor	ooding e Count	occu yi	rred the	over t	he sou of Bal	ons to as much as thern and western timoreand also . Two women, riding
:	erate Lafay down	damage i ette at l in marsh meron Par	n Morg 1:00 A land 2	gan City AM. A to 44 miles	at 9 rnade sout	:30 bri	m and efly to	in ouched			in a an a drow	car in so ttempt to ned before	uthere seek t	Baltin nigher a pers cou	ore, round	enco l, on ree h	untere e was er. Rl	i wate swept sewher	r 5 feet deep. In under the car and e, two roads were nd caved them in
Tangipahoa Parish	Two to	10:00 AM een-age b riend ser k a tree	iously	injure	d whe	n li	htning		Lightning		one many ment	near Ellic basements	ott C were	ty and	the and	ther some	in Ca resid	tonsvi ents o	lle. In addition, f lower-level apart timated at around
	they were	were sitt unhurt.	ing.	Two oth	er bo	ys or	the 1	tracto		Northern Half	19- 20	3:30 a	ł	I	0				Wind, Lightning
Tensas Parish	A funi damage	3:00 PM nel cloud ed a boat 10 miles	dock	the top at Lake	Brus	n Sta			Tornado		nort 20,0 caus	hern count 00 homes ed a fire	ies of n the that c	the st Bultimo amaged	ate. re a the	Elec nd Ha 2nd f	tricit vre de Loor a	y was Grace nd att	ough many of the disrupted for over areas. Lightning ic of a home in
Ascension Parish	23 Lights	4:00 PM ning stru			0 ch fe	0 11 o			Lightning		Mill to t	ersville,	Anne A near (rundel hesapea	Coun ke C	ty, a Lty,	hd als Cecil	o caus	ed a barn to burn Damage estimate:
Orleans Parish	Light: Algie		ed a f	ire whi	0 ch da	0 maged	4 Iahor	0 ne in	Lightning	Statewide						d fr	om Gar	rett c	Wind, Rain ounty, in the ex- er Eastern Shore
St. Tammany Parish	Light	12:45 PM ning stat sive dama	red a ge to	fire in	0 a Si ic ar	0 idel d ki	4 home chen	with	Lightning		at 9 40-5 the	:30PM. Win O mph gus roof of or	ds re s comm e hous	ached ion else e was t	5 mpl where aken	at . Ne off	Solomo r Win and ca	ns, Ca field, rried	vert Countywith Carroll County, 500 feet into an
Vernon Parish	A teen of lin him un	3:00 PM nager suf ghtning s nconsciou of Leesvi	turck s.He w	the gro	und r	earb	and I	a boli	1		from vill loss	ied away a fallen tr e couple t es in the	nd som ees wa hen a	e large s repoi large t	tree ted, ree a	inclimash	te upr ding d thr 300 t	poted. minor bugh ti o \$100	
East Baton Rouge Parish	Light: chimne	4:00 PM ling stru ly, damag to the g	ing wa	ter pip	es an	d knd	cking	a	Lightning	District of Columbia & Central Maryland	Levet	em. with d	owned i	itrees (orms	ho th	rated	ahead	Wind of a cold frontal mms. One tree fell
Calcasieu Parish	and re	leased f	rom th	ehospit	al. 0	0	4	0	Lightning		on s the ved were	car drivi	ng ald was th al Ace v fall	ng Bead e only demy. T	h Dr occu indo s es	ive i ant. vs, a pecia	n Wash Winds utos, llv in	ington near nomes Princ	, D.C. and injured 50 mph were obser- and power lines e Georges and Anne
MAINE	extens two-st	ive dama ory stru	ge don		stair	s pot	tion o	f the		Northern	l ni u	del Count: 5:00 p- 7:00 p	es. De	mage: 8	40,0 0	io to	\$50,0 	φυ. 	Wind, Hail, Rain
Windham, Cumberland County	Betwee	:45pm n 15 tol a two mil	20 tre le str	l i ±es, mos tip of t	l 0 i tly p	ine, Imou	4 were s	nappe	Thunderstorm off or upropted ndham by a thun-		stat	r thunders e in advan	ce ofi	a stron	la col	ld fr	ont. H	bavies	orthern half of the t damage was in- east of Baltimore,
	70 mph carria mately a swin hurled away w lifted into t mately rain i	i. Minor ge house 2½ to 3 ming poo I about 1 rith one I a 12 in the air a 14 mile	damag like feet l had 00 fee driven ch irq t the l s NNW l inute	e was n structu at its several t. Mea uprigh n culve upriver of the period	oted re ha centa sect nwhil t int diend damag and a	at two d its r pol ions e, se o the der a The e si peak	o hous rear nt. / blown veral groun paved Port e, red wind	es and wall of stock down was picket d. The drive and Je orded	ndham by a thun- speed of 55 to a three stall uckled in approxi- ade fence around ith one section s ended up 400 ft e heavy downpour way about 3 feet tport, approxi65 inches of mph while Eustis		wher deva tore mate pers roof vill rece Glen cloc	station was off roofs s placed ons were of their e, were s ived minor L. Martin ked at 86; Ealtimore ed trees	uses appa s appa and o he los njured house ightly injur Airpo mph. A . Best isrupt	rere des rently one side s at or in Lut a Luth injuries whe ort, 17; nother des cau	troye the ma er or hers ervi ed by n a airct vict sing trice	ed an resultinly ne mi rille m	1 2 ot t of a the se ilion when an, and tree tree d the 42 derab	hers he downb cond-s dollar another another and i limb formaged 9-year te protosom	revily damaged. The trst of wind that tory. Early esti- tory. Early esti- tory. Early esti- fell through the tr man in Water- a man in Beltimore ell on his car. At as winds were old Hawthorne Oak party damage, wind- 250,000 homes.
	A small steel posts deposi had to Route after 12:30	roofing i and hang ted on a back up 26 just it cross	o touc off th ing fr truck his d north ed the 30 pm	hed dow e barn. om tred doing ar as t of Trap road. EDT. A	n in The s. A consi he to Corn A to	a bar roof hay derab rnado er. rnado	nyard ing wa wagon le dat cross He saw watch	torels twistwas plage. led in lit display	Tornado the galvanized ted around fence cked up and The eyewitness front of him on ssipate shortly n effect from ssued at 2:15 pm		tota	l loss est	imated	to be	be twe	en f	our and	i six :	main bighweys. The

		됥	РАТН	Ŧ		. OF		ATED†				'AL	РАТН	Ŧ	NO. PER	OF SONS	ESTIM. DAM		
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
MASSACHUSET	ŢS	N	O DAT	A RECE	IVEC	}				MINNESOTA (co		ued) 2:30 pm			0	0	0	0 i	Hail
MICHIGAN		į								(Hennepin County)		ball siz			i i	i	i	0	nair
Ares bounded by Muskegon-Big Rapids- Pontiac-Ypsilanti- Battle Creek		4.30a - 8.45a	 near	Fremon	 and	Hold	5 an, oi	l stor	Lightning age tank near	Minneapolis/St. Paul (Hennepin/Ramsey Co.)		2:49- 3:15 pm	15	600		83	7	0	Tornado
parrie Oreck	Alb	on burned ing outag	Manj	y power	tran	#miss	ion fa	cilití	es destroyed,		A to	rnado tou d of a mi	ched de	wn at	2:49	om CS	Tabou	t one-	
8E Crystal Falls, Iron County to 1S	14	6.12p	5.7	90			3		Tornado		Frar Minr	ce Avenue eapolis s	and 50	th Str f Edin	eet i	the con	sout) tinued	west in a	
Channing, Dickinson County	off	near end	bf trad	ck. Re	maind	er tü	rough	forest	TV antenna broken ed area. Trees		of t	ight line the city o thd near L	Minn	apolis	befo	re li	fting	off th	
	Cont	in rotar act with ited.	y patt ground	ern. R interm	pada pitter	block t on	ed and last h	power alf of	lines down. track. Funnel		Cana minu	da. The tes and co	ornado t a p	was o	the destr	grou ictio	hd for 115 m	26 iles	
Inkster, Wayne County	14				1				Lightning		spee	and at to d in the low width	tornda	varie	d bet	veen	80 mpH	in th	e
	Man	struck wh	ile mo	wing la	bn						باحتيا		107	i-1		Ł		L	se e
Near Crooks, Schoolcraft County		12.54a							Funnel Cloud		120	ously, an limb fel National ding of data	Lt Suard	Gov. Militar	Pol	angbe ice t	rg act o prev	ivated ent	
		rted to S	tate P	olice b	py թա≀ I	lic.	5		Lightning		Rose	ville. R	osevil siurie	e sust	ined	majo at th	r dama e Har-	ge wit Mar	h
Delta and Schoolcraft Counties		12.45a ~ 2.30a		n/.				fani at	Lightning		Sho	ping Cent	er.						
Area bounded by	15	e and bar 12.45p -	nat b	erk Kiv 	Mer, 1	actor	5	C	que burned. Thunderstorms	Mankato (Blue Earth County)	14	2:50 pm	2	440	0	0	6	0	Tornado, Wind, Hail
Charlevoix, Harrisvill Saginaw, and Muskegon		4.15p	or lir	l l les down	 -h-/	uahai	. s	ome mi	or flooding and		thre	 arnado acc augh a por	tion o	f the c	ty o	£ Мап	kato.	Con-	
	rur	al road wa	shouts	northe	irn se	ction	is. M	bbile	ome destroyed . 1 3/4" hail		side bus:	trable dam inesses.	age wa Gumero	s susta us tree	ined	by ho	mes an	a	
	in	Losco Cout	ty, 1	" in Cr	awfor	dd Cou 1	nty.		Thunderstorm		pow	dr lines w 	ere do	med.					
1 - 4 miles east and southeast of Stanton, Montcalm County		5.14p	4 d brok	j 5000 J Jen bone	 s. m/	3 nanc	5 chil	d many	Downburst cuts as mobile	Winnebago (Faribualt County)	14	3:00 pm							Funnel
nonecal a double)	hou hou	e was demo	lished o cars	. Two	barn:	and any	one g	erage down i	estroyed. Three diverging sinning of track.			innebago p les south				ted a	funne	1	
Berrien Springs, Berrien County	٤.		1.5	!		!	j 5		Tornado	Northern Anoka County	14	3:15 pm					2	0	Hail
berries dounty	with	minor dan	age.	All da	mage	was d	ue to	fallir	other buildings g trees. Funnel		Two	to four i	nch ah	1 fe11	in n	prthe	rn And	ka Co.	
		rved in se edge of			dns a	t tre	e top	level.	Moved along	Maple Lake (Wright County)	14	7:47 pm	3	440	0	0	5	4	Tornado
4 SW Sparta to 3 SE Sparta, Kent County	1	! .	5	850	į			С	Hail	,	des	rnado rip roying ho	nes, f	rm equ	pmen	on c	f Mapl	e Lake ft	
	Hail at C	stones in annonsburg	main s	swath ½' hiles to	the	ESE,	13/ about	the s	stones reported ame time.	Watonwan County		ar, and s	everal	aircra	ξτ. 	ļ] [4		Wind
Tuscola and Sanilac Counties	21	12 - 12.45a					5		Lightning		tre	mph winds							
		house at l barns in :						e near	Mayville, and		are		 				i i	 	
3 SW Hale to 2 E Hale, Tosco County	29	3.40p	5.5	<u> </u>	İ		4		Tornado	Lake Crystal (Blue Earth County)	14 A t	4:25 am ornado tou	3 ched d	100 bwn thr	ee mi	l 0 l les s	4 outh c	fe 0	Tornado
	thro	el seen to ugh woods ale, cont	touch	ed dow	d aga	in an	d dest	royed	d eastnortheastward shed one mile east le.		Lak bac	e Crystal W into the	and mo	ved NE s. Sev	3 mil eral	es be build	fore 1 ings v	ifting	
2 NW Cass City, Tuscola County	Ľ	10p		-			5		 Lightning	Inghas-		!		[J.P.I	!		M2_2 C **-21
,	Barn	and conte	ents be	rned.			İ	<u> </u>	i !	Jackson County)	14 Hig	4:30 am winds to	! l re roo	l fsoff	of se	veral	barns	3 and	Wind & Hail
MINNESOTA LeCenter	14	5:00 am	2	100	0	8	5	 0	Tornado, Wind		upr was	oted tree reported les County	s in J In wes	ackson. tern Ja	Go1	f bal	l size	hail	
·(LeSueur County)		re thunde winds di											11116.	İ		 	! 		
	Hig!	winds ca lugh the c	esed c	onsider						Mankato (Blue Earth County)	14 Man	i 4:40 am i Hato airpo	rt mea	 pured 6	p-70	 mph v	inds.		Wind
Waseca (County)	14	5:10 am							Wind	Northwest Rice Co.	14	4:50 am	i 6 <u>}</u>	i 700			5	0	Wind
(Waseca County)	67 E	ph wind r	¢corde	∤ Ø in Wa ∤	eca.							-5:40 am						-	
Lakeville (Dakota County)	14	5:17 am			0	0	3	0	Wind		rip Bar	dight line ped throug n and home	minds n much roofs	of nor	thwes	t Ric f the	e Cour damas	ty.	
(Dakova County)	70 m	ph winds	lew d	own num	rous	 tree	s.				\$8, col	QOO of liv Lapsed bui	estock	lost t	heir	live:	unde	,	
South & East Dakota	14	6:00 an-			0	0	4	3	Wind	Lac Qui Parle County	23	1200	!	count]	- -	Í -	6	Hail, wind, rain
County	100-	7:00am mph wind	tore a	 tross ==	nkeh a	off som	th and	 east	<u> </u>		12:	¢re thunde ∳0 πoon. ∮ng enough	Report	s recei	yed b	1:2	l2 pm c	f wind	5
	Dako	ta county damaged	The	wind a	comp	anied	by 1	inch	T" 		to j	ea size h s along a	ail. path	Hail sw 2 miles	pth m	pved	across	20	
l	ľ	į	}	\	į	į	į	(į į		sid	of the c	punty.	ļ					

	7	РАТН	Ţ	NO.		STIMATE					ij.	PATH	_		. OF		ATED1	
54 . 55	3	S) PA	PATE	PERS	ONS		CHARACTE	R	-		96	S) PA	PAT (S)	PER	SONS		AGE	CHARACTER
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	OF STORM		PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KIFFED	INJURED	PROPERTY	CROPS	OF STORM
MINNESOTA (conty	ontinued)	30 mi	4-6 mi	-	-	- 7			MINNESOTA (c bault County		nued) 4:30-10pm	,	?	 -		5	7	Hail, tornados
	Storm moved a to golf ball Most of the h of the county were reported 1 mi	size t ail oc Fun by St le wes	o a dep curred nel clo ate Pol t and l	th up in the lids am ice. I mile	to d i west d torn Tornad south	nches. portion adoes loes wer of	İ			Gol blo	ree tornado e north of west of W ds of 65 m f ball siz wm down an	ph wer e hail d some	e estin	ated porte	by the	e She barn	vas	s:
Yellow Medicine Co.	Montevideo. Civil Defense	Direc	tor.				Hail Tornado Tornado Winds	Free	born County	90 air Lir sit	5-10 pm mph winds rbort. Wal les and tre thated main inty.	were o	locked	 t t	e mu	6 icipa repor mage part	ed. was	Hail, wind
	Pea, marble a extensive dam mostly in the Tornado repor destroying a damage. Anot	nd gol age to easte ted in garage her to	f ball 135,00 rn thir Wood L and ca rnado t	bize h D acre d of t ake at using ouched	ail ca s of c he cou 2-2:3 other down	used rops ntyl 0 pm minor briefly		Dako	ta County	Str	3-4 pm rong winds eps. Some e to downed	noved homes	into th	e cou	nty	opp1i	g man	Wind ,
Renville County	just east of Strong winds knocked down semitrailer of 23 2:30 pm	in the a barn n Hwy 7	county on 67	uprop and th	ted tr	ees ver a	Hail Tornado	Winc	ona County	Tre	6-10 pm es and lin blown off	es dov	med, bu mph wir	ildir ds re	gs de port	maged	silo	Wind
Redwood County	Strpng winds hail did \$7. of brops.	report milli	ed. Ma	rble t			es	Por	HSSISSIPPI t Gibson aiborne Co.)	Hea in	3350m CST vy thunders Port Gibson ses were di	, and	in area	s ju	rous t no	rth an		Thunderstorm, High Winds wer lines of town. Two
	2:56pm \$10 million north and ea the river pr of golf ball out windows	in crop t port imarily . Lar	damage ions of due to ge hail	the c hai was r	red mo	ostly in closest the sized knock	to e ing		Cayce arshall Co.)	6 A t	230am CST	0.8	150 wn brie	o fly	0 just	4 rest o		Tornado p, damaging eral
	and funnel c sightings we the in the c off roofs, d Tornado was property dam tornado and	louds we made into of of the made into of the interest of the	ere als of a t Redwood rees an onfirme	o repo ornado Falls d powe	orted. west to west tr line mili	Severa of and rnade to es. ion in	1		Vicksburg rren Co.)	Bov. lif one	CST crnado tour ina and mor tring about	ed ENE two mi re dan	en abou roughl les ENI aged.	ура: of: he p	alle sovin ath w	l to D a. Onl as thr	nterst	te 20,
Nicollet	23 2:30-6:00 More than 40 damaged or co	000 ac	ly wipd	d out	due pr			(R	Brandon ankin Co.)	tre sub	CST	80 ii			lgh w	inds w		
Вгоwп	23 2:30-6:00 Pea to great extensive da those on som were downed. Hanska and o	r than tage to farms Three	crops . Tree Barns	totall s and was bl	ze hai y dest power	troying lines own in			ren, Cleiborne, is Counties	Seve pro sus near down	CST eral heavy duced wind tained cut r Hermanvii med in and also topy	thunded damage and the le in around bled in	ruises Claibo Vickst wester	ove: eral when ne Co	the local a tro	es an ren C	-count Two p w onto d powe o., wh	their house r lines were Le trees
Blue Earth County	2,000 turkey Hanska. 23 4-8 pm About 80% of by marble to werb clocked	the co	ome pig	s wente	9 were o	ed near 7 6 damaged nph wind A mobil	Hail, wind, funnels	(H	E Bay St Louis arrison Co.) rlington ancock Co.)	10 A f 23	220pm CST unnel clou 845am CST unnel clou	i was	 - - - - - - 	O by s	0 evers	0 1 peop	0 le nes	Punnel Cloud Punnel Cloud r the
	home was bloom plant in Nordone to about Seven people cuts and bruinjury (due was blown owingunction with	th Mank 50 ba were the ilses. to hail or on H	ato. From the state of the stat	urther other and re k inju admitt me mil	damage build leased iry and ed. A e west were i	ge was lings. I for mi I one ey semi of the reported	nor e		wSw Columbia arion Co.)	Por It 23	Bienvill was also p 1150am CST eavy thund in the s	Indu notogr	strial i	ark 0	0 arble	treme 0 and g	SW Hen	eock Co.
Waseca County	23 3-7 pm Southern partiand was hard destroyed and	Crysta	l to No	rth Ma	uding	- 7	 Hail h-		al (Forrest Co.)	in lig tra	CST man was s her home in htning app waled insi	this rently de on	town j struc the tel	et e en ephon	est d object lin	f Hatt t outs	ked on iesbun ide th	house and
Watonwan County	hail. 23 3:30-8pm Damage was conty and was counties. But reported at 5	nfined s not t nick	hit as el to	hard ja	s of he	r i	i			11 Tree	1-102 s 010wn	down	betwe e	O n Cr	0 ocke	1	0	this Damaging Wind

	L.	×		NO.	OF	ESTIM	ATED†				اد	Ŧ	_	NO.	OF		ATED!	JUNE 1983
	OCAL	PATH	¥.	PERS			AGE	CHARACTER			(V)	PAT	¥.		SONS		AGE	CHARACTER
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
MISSOURI (cont			j	i i	1	, ,	^	Domontus Mind	MISSOURI (cont	inue	d)							
LaClede	15 620 PM Trees uproo	ted 1	mile			1 Car	0 dent	Damaging Wind		most the	damage northsid	was f e of	rom ne Warren	ar H ton	ighw to j	ay 47 ust n	on orth	3
Pettis	15 710 PM	3	50	0 0	١	5	1	Tornado		cros	-70 and sed I-70 moved to	abou the	or war t 4 mi	rent les	on. east	of W	arren	ton
Audrain	15 525 PM			0	.	3	?	Damaging Wind		The	damage ssing at troyed a	path	was so	atte	red	after	the	
Hickory and Benton	19 845 PM Civil Defe on the cou Benton.	pse re	ports ne of	a fu	ory	O clor and	O id	Funnel Cloud		inf The	troyed. ant was other f	A wo repor ive i	man wa ted in njurie	s ki cri s we	lled tica re n	and L con pt as	an ditio	n .
	19 1012 P Roof blown in southwes	dff so	hool a	ond po	O ower the	3 line Count	s dov	Damaging Wind n		Tre des	ious but es were troyed.	requ uproc	ted an	pspi d so	tali me c	zatio orn w	n. as	
Pettis	20 11-12 P A small tor Houstonia.	N 1 mado 1	50 ouched	o down	o l	3 ar		Tornado	Adams Gasconade	wit 21	rief tou h no inj 910 PM	uries 1	or da	mage		2	3	Tornado Tornado
Saline	destroyed. 21 957 PM The State H funnel clou	ighway	Patro	0 terse	0 port	ed a n of	I -7 0	Funnel Cloud		Mt.	rief tou Sterlin structur orted da	g. N es.	Some t	les ries rees	nort or and	hwest damag crop	of e s	
	and Route J County.	in e	rene	South	ileas	, Jau	Line		Dunklin	22 Wir	2 PM	65 m	noh in	0 a se	0 vere	4 thun	0 derst	Damaging Wind
Boone	21 1041 PM Police repo	rt fu	nnel c	oud loud		olumb	ia	Funnel Cloud		hit as off	ds up to Kennett some pow and a p	er li	ees we nes. car w	re d One inds	owne roof hiel	d as was d was	well blown	
Pettis	Trees down	in Se	dalia.	o	0	2	0	Damaging Wind	St. Charles	24	ken.	1			0	0 .	0	Funnel Cloud
Henry	21 1020 Power lines	down	and p	0 hone	0 ou	3 in	0 count	Damaging Wind	Dos Onaries	Civ	il Defen St. Pete	se re	ported					rumer oronu
Cooper	21 1035 Winds report no mention	rted t	o 60 m	o ph in	O Boo	0 n vi l	O Le bu	High Wind	Butler	A s dan	140 PM evere th age to t ff. Dam	under he so	storm with po	prod	o uced n of	2 mino Popl	0 r win ar	Damaging Wind d
Macon	24 750 PM Golf Ball : rain in one	size h e hour	ail an repor	0 ted	0 in it N	? hes w Ca	? of mbria	Large Hail and Very Heavy Rain	West	and	roof da	mage 	to a s	mall	bui	lding 		
Macon	24 808 PM Trees down reported by	in Ma	con. size g	O Larg iven	0 ha	3 il al	0	Damaging Wind Large Hail	Atchison	Gol at	j 848 PM If ball s Tarkio. 	ize i	ail re	port	ed t	tyshe	riff	Large Hail
Macon	24 755 PM Golf Ball south of E	size h	ail re	0 port	0 ed 5	0 mile	0 s	Large Hail	Jackson	of Sev	ornado t Grandvie eral bui	₩ to Lding	the so	outh des	efly bf h troy	ed or	nort	•
Randolph	24 935 PM Large tree	limbs	down	O in Ma	0 ber	2 Ly.	0	Damaging Wind	Cass	al	prely da p blown 843 PM	bver.	·¦	neral 0		į I	į	Tornado
Wright	11 1235 Pl Hailstones at Grove S	to 3/	4 inch No d	0 diamage	0 nete	0 r rep porte	0 orted	Large Hail		M 1	prnado to ded to 15 tornado reporte	buche mile was	ed down es west	njnor Uof	thea	st of ison	ηille.	1
Vernon	19 945 PM Golf ball Nevada.	size h		0 porte		? ist w		Large Hail f	Jackson	Go:	847 PM ball s	ize l	hail r			0 Le		Large Hail
Vernon	19 1153 P Scattered Urban floo	wind d	lamage	0 reporte	0 rted	2 in N		Damaging Wind	Cass	A ·	910 PM tornado t	buch	50 ed down	i 0 11 bri 11 but	0 mefli	y just	0 ti iamage	 Tornado
Greene	20 1230 A Golf ball	м		0	0	? Grove		Large Hail	Jackson	21 A	i 658 PM tornado t	1 puch	50	0	į 10	0	0	 Tornado
Lawrence	20 115 AM Minor wind Aurora.	1	1	0	0	2	0	Damaging Wind	Jackson	of 21	Grandvie	w. !1	 50	0	a	0	0	Tornado
Barton	22 1002 A Brief touc of Lamar. miles sout	M 4 hdowns Severa	50 4 to 1 buil	0 8 mil	O Les de	4 south	? west ed 8	Tornado		so of	tornado (uthern po the Stat ported.	rtio	n of Ka	ansas o dan	E Ci	ty ju was	t eas	t I
Greene	22 1108 A	M	mirain	o ar	1u u	rees. 3	0	Damaging Wind	Cass	A.	714 PM torndao t vaore wit	touch	ed dow	0 ni bri e			0 of	Tornado
EAST	Wind damag	e repo	rted a	t Bat	ttle	ield	•		Cass	I A	738 PM	thuch	50 ed dow	n!in	Kan	sas C:	iltv ar	Tornado
Dunklin	4 530 PM A brief tou by the ASCS No damage w	dhdown Weat	er Re	porti	ted	? in Ma ervio	? ilden e.	Tornado		112	border th streetes west torned th but n	ets ti	point henmov randví	ed to ew	a j	point	3 to	5
Scl.uyler	7 902 PM A funnel cl of livonia but no size	and Ta	arge na	0 erved as wa	0 jus	0 t eas porte	+	Funnel Cloud Large Hail	Cass	21 A	905 PM	ed.	50 ned dov	O wn br	0	0	0	Tornado
Schuyler	7 923 PM			0	0	0	0	Large Hail	Jackson	1	th no da		report 50	ted.	0	0	0	Tornado
Knox	Golf ball s 21 1235 AM Golf ball s	1	i	orte	d ne	ar G1 O	enwoo	d. Large Hail	MONTANA	A	tornado	touch	ned dov	wa br	lef]	_	, -	
Warren	21 210 AM A tornado t and moved e south of Wr was estimat	8 ouched ast-so ight 0	300 down utheas ity.	1 just tward	6 nor	5 th of abou L dam	3 Warı t 2 m	Tornado enton iles	Plathead Lake	9	PM			1				Severe Lightning

JUNE 1981 ESTIMATED! DAMAGE ESTIMATED! DAMAGE TIME - LOCAL STANDARD WIDTH OF PAT (YARDS) LENGTH OF F (MILES) CHARACTER CHARACTER LENGTH OF (MILES) PLACE PROPERTY OF STORM OF STORM PROPERTY INJURED INJURED KILLED KILLED CROPS CROPS DATE NEBRASKA NEBRASKA (continued) 0 0 2 0 Damaging Winds 3:40 PM Custer County 0 В 6 6 Dodge County 13 7:30 PM Damaging Winds and Hail 13 7:30 PM 0 5 6 b usual and i 14:230 AM Three separated lines of severe thumberstorms blasted the bounty wish devistating results. Communities of Arnold and Brychen Bow sepecially hard hit. Damasing winds and haif struck Broken Bow breeking hundreds of windows, edusing tree demage and haif 8 to 12 inches deep of a highway just east of town! Two persons in a durasing home were dightly injured by flying glass. Airport suffered major damage, loating 2 haspars, 5 sircraft sevenely damaged, 2 had minor damage. All this ocquired shortly after 7:30 PM. A second line of thunderstorms moved through Broken Bow between 11 PM and inimisting the high line between 12:30 AM and 1:30 AK.

At Arnold just before 11:00 PM, a thunderstorm strukt with 3 inch Hail and winds entimated 70 to 80 mp.h. Six mobile homes totally destroyed, such structural damage to buildings from fallenl and uprobted trees. Two persons in town were anjured; Inia mobile homes through the bother by lying glass. At Arnold State Park on the south side of town, 450 campers were in the park when the storm strukt. Four people injured here including one who suffered heart attack. Power lines and many trees downed with fallen trees on recreational vehicles. erstorm winds broke Gage County 0 0 3 4:15 PM 0 Hail hail fell nckfo nd three-quarter inch lcrop damage. 6:35 PM 0 0 ! 3 ? High Winds Scottsbluff County and Lightning Winds gusted to 58 m.p.h. in a thunderstorm with small hail. At Scottsbluff a few trees were down Lightning struck county court house in Gering. 0 0 5 5 Keith County i-9:00 PM bamaging winds beached boats and blee away campen shelders at Lake McConaughy and Lake logalials. In the dity of Brile, tree limbs demed. In Galials tree limbs downed, which knocked down powen lined. Lots lof damage to signs, windows and city property form the control of damage to signs, windows and city property form the control of damage to signs, windows and city property for the control of damage to signs, windows and city property for the control of damage to signs. In the damage to specify the control of the c 0 4 5 0 McPherson County 9:00 PM and Hail to 2 inches in diameter pounded crops flat, winds in excess of 60 m.p.h, bent center-pivot imrigation systems, local rains washed out some roads. Hardest hit area was south of Tryon to Lincolh County line. Crops in the area totalled. 1010 1 2 1 2 Deuel County 13 8:00 PM High Winds Wind gusts in thunderstorms were estimated over 57 m.p.h. near Chappell and Big Springs. No damage reported. 0 0 4 ¦ 5 Damaging Winds Perkins County 10:30 PM 0 0 5 Keith County In Grant, tree limbs downed by powerful winds. Three limbs caused lpts of damage to perked vehicles. Half inchihail reported, props flattened by hall and winds in excess of 60 m.p.h. Thurderstorm winds susted to 84 m.p.h. at Lake McChaughy. Sampers were lit hard by windbur no injuries. Braile suffered duch property damage from 3 inch hail and strong winds. Trees blown Tree limbs downed and many trees uprooted. Downed tree limbs caused power outages in some areas of North Platte; structural demage reported in various parts of the dity including west and south isides forces in area flattened by wind land small hall. Winds in the thunderstorms gusted to 63 m.g.h. at the airport, slightly demana. Lincoln County Damaging Winds Ogallals, encounted number of windows shattered I inch half; winds to 80 m.plh. downed trees and et lines. Mobile homes destroyed and many used cars aged by large hall. Crops in area totally destroyed. in the thunderstorms gusted to 63 m.p.h. e airport, slightly damaged one parked aircraft. Boone County 8:15 PM 0 0 0 0 Funnel Cloud 0 0 2 A fu nnel cloud was reported 5 miles of Albi 0 0 4 5 Hail to 2 inches fell at Chadron. Loup County No damage reported. and a half inch hail fell 15 miles nonthwest 4:25 PM 8 50 .0 0 5 5 Madison County 13 of Taylor causing vehicle and crop damage -4:35 PM (1,2,1)0 0 4 do touched down 4 miles south of Tilden and eled northeast to 5 miles north of Meadow Go r lines and trees destroyed along the path. Antelope County 13 8:20 PM 5 Ha11 and a halk inch hail fell in and arou ing damage to vehicles, structures an 8:30 PM 0 0 0 13 0 0 0 Funnel Clouds Madison and Pierce Counties 0 Funnel Cloud Keith County Nineteen funnal clouds were reported in the counties especially around Pierce and Norfolk A funnel cloud was reported 8 miles west and 2 miles north of Paxton. Damaging Winds and Hail 0 0 3 Dawson County 13 | 5:05 PM 3 Lincoln County 0 0 5 Camper was overturned 3 miles southwand 14 inch hell fell in Gothenburg st of Goth Thudderstorm winds hit 72 m.p.h. at North Platte Atroot and winds caused eyacuacton of 40 campers from a campground to a more substantial shelter. Winds blew down 21 power pples between North Platte and logan Country line. Trees sind power lines were downed and one third of the city of North Platte was without power for several hours. Winds blew or a semi-trailer truck on I-BO, blocking westbound lane. Crop dimage was tothl in northeast portions of country because of 3 inch hall. Towns of Haxwel and Brady reported winds and hall, but most stoum damage was to the morth. 5:10 PM 1/8 10 0 0 2 Boone County (0,0,0)A tornado took the tops out of trees just west Petersburg then lifted back into the clouds. 0 0 4 Cedar County 6:20 PM 5 Hail and Flash Flooding Thunderstorms produced 14 Inch Hail at Randolph and Lowland and urban flooding at Lawral. 0 0 4 8 13 6:30 PM Antelope County One and a half to 2 inch hail fell 6 miles west of Neligh and at Oakdale causing damage to structures, wehicles and grops. Perkins County 9:00 PM 0 0 Damaging Winds and Hail -14 |-1:00 AM Three lines of thurderstorms moved into the county from Colorado. Damages mainly confined to agricultur lands in the horth part of the county, crops and center-plucy irrigation systems hard hit. Some hail to 1 inches with winds estimated 60 to 80 m.p.h. Sherman and Howard Counties 14 6:30 PM -6:46 PM 0 0 Three quarter linch Hail fell at Loup City and 14 inch hail 3 miles southwest of Cotestield. No 0 0 0 13 9:00 PM 0 0 Funnel Cloud Keith County 13 7:30 PM Custer County 0 0 0 0 Funnel Cloud Funnel cloud was reported hust mortheast of Sarten moving east. A funnel cloud was Broken Bow. 9:00 PM 10:00 PM High Winds, Hail and Heavy Rains 0 | 0 Thunderstorms moved across southern portions of Brown and Rock Counties with winds in excess of 60 h.p.h., 1 inch mail and rain in excess of 5 inches. Thirteen thrigatinn systems were damage with crop loss over 1 million.

	ΑΓ	РАТН	I	NO. PER	OF SONS		ATED!				AL.	РАТН	Į	NO. PER		ESTIM. DAM		
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF PA (MILES)	WIDTH OF PATH (YAROS)	KILLED	NJURED 2	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PA (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
		إـــــا	<u>*</u> -	<u> </u>					L NEDDACKA (L	<u> </u>		>	*	=		٥	
NEBRASKA (con	13 9:20 PM		1	0	0	5	5	Hail	NEBRASKA (con Lincoln County	20	6:40 PM			0	0	0	i i	Funnel Cloud
	-9:30 PM Three to four	inch	hail fe	11 6	miles	west	and 6		Frontier County	A f	innel cloud 6:30 PM	was :	ighted	nort 0	west 0	of We	!!	t. Hail
,	miles south o	2 inc	h hail	fell	6 mil	es so	ith of	je I		One	-7:30 PM and a half	inch	hail fe	l 11 w	est o	l E Curt	 is dami	
Lincoln County	Niobrara. Ex 13 10:00 PM 10:30 PM			0	0		4	Tornado (1,3,1)	Red Willow County	cro				0	0	 4		Damaging Winds
	Tornado touch northeast of	ed dowl Buther	n at in Land ea	erva st to	ls foo 3 mai	on 5 n	iles rtheas				-8:30 PM	rinds d	amaged					and Hail
	of North Plat 75 feet above	e. T	rnade :	gener move	ally s d easi	stayed t, but	60 td	đ		dam	ed trees n	0ne	and a t					
	take the tops North Platte of North Plat	and al	t trees so dest	royed	a re	siden	e nort	heast	Hayes County		7:30 PM	id bari	iey.	0	0	0	5	Hail
Antelope County	13 11:45 PM -14 -1:00 AM	į į		0	0	6	6	Hail, Damaging Winds and Flash		Hai	-8:30 PM I to 3 inch der and 15	es rep	orted :	O mi	les s	buthea be Con	st of	Hayes
	One and a hal	F to 2	inch h	ail f	ell 4:	round	Elgin.	Flooding	Furnas County	cro	damage.	miles	Souther	0	l nay	 2		
	Damaged roofs inch hail dri	l vehil ven by	cles an strong	d cro	ps. j derst	One an orm w	daha Indskr	ocked	Furnes county		-9:30 PM	. d-ah	had1 6					Hail
	windows out of raims caused winds blew do	low1an	d fl∞d	ing.	At 1	ilden.	high	i I		Bear	and a half er City. damage.	Hail a	lso fe	1 wes	t of	Oxfor	and d with	
	half inch hai stripped tree and roofs. H	l with s. bro	the wi ke wind	nds s bws a	evere nd da	ly dar mageð	jaged (vehicl	trops, les	Furnas, Dawson, Gosper and Phelps	1	12:50 AM -3:50 AM			0	0	3	5	Hail
	flooding.	Favy I	erna ca					į	Counties	Mos	caused sed concentra	ted da	mage ro	port	d wa	ե 6 ամ	les no	rth
Pierce County	14 1:00 AM -1:15 AM			0	0	4	6 	Hail, Damaging Winds and Flash Flooding		3/4	foldrege. inch 6 mil nch around	es no	th of i	oldr	ge a	hd Bea	ver Ci	
	One and a hal	extens	ive cro	p and	prop	erty	amage	m.p.h. to		nor	th of Johns thwest of L	on Lai	te and 2	incl	sto	hes 12	miles	•
	vehicles and land flooding Hadar.	struct from	ures in heavy r	pins	aroun	d Pie en Pi	rce a	llow- id	Knox, Boyd and Pierce Counties		1:00 AM -4:15 AM			0			7	
Dodge County	14 2:25 PM			0	0	2	5	Damaging Winds		wind	derstorms s severely uch hail f	damag	ed crop	s act	oss	the co	nties	
	One and a hal	if inch	hail w area 1	as re	porte wide	đ wit and	h crop i mile:	!		be 1	sed to cld	ar the	road.					
	long east of by the thunds	North	Bend.	Tree	limbs	were	downe	4	Knox County	A to	4:00 AM		40 wnint	0 he st	!	5 town o	5	Tornado (1,0,1)
Burt County	14 2:30 PM		 	0	0	?	?	Hail		Niol	rara and m ral garage	oved e	ast des	troy	ng a	mobile	home	
	One and a hal							No .	Dodge County	21	7:29 AM	inch	hail fe	0	0 the	0	3 +v of	Rail
Dodge County	14 2:40 PM A funnel clou of fremont	i was	i teporte	by	0 0011q	0 e in	j 0 the vic	Funnel Cloud inity		Nicl	erson with			mage				
Washington County	14 3:00 PM	İ	į Į	0	0	0	0	Funnel Cloud	Perkins and Keith Counties	23	2:30 PM -3:30 PM			0	0	0	4	Damaging Winds
	A funnel clou	was :	sighted	!	! i		E Arl:			fla	y to sixty tened crop dins and Ke	s and	caused	blow:	ing d	nderst ust in	north	
Washington County	One and half	inch h	 - hil was	repo	0 j	2 West	F Herr	Damaging Winds and Hail	Lincoln County	23	3:30 PM	į		0	0	0	4	Damaging Winds
	with some cro downed at Bla	p and	propert			Tree				Thu	-4:30 PM derstorm t dng dust t							
Cass county	14 6:10 PM		i I	0	0	?	?	Hail		qua	ter of a port	ile.	A 61 m					
	One and half of Union with	nch h	pil was bage.	repo	rted	in th	vicio	lity 	Phelps County		7:00 PM			0	0	4	0	Damaging Winds
Otoe County	14 6:30 PM A funnel clou	d was	 reports	0 d nea	0 T Neb	0 raska	O City.	Funnel Cloud			is in thund is in Bert		rms dama	İ		Les an	c tree	
Butler County	18 2:00 PM			0	0	4	0	Damaging Winds	Sherman and Howard Counties	23	7:00 PM -7:40 PM			0	0	5	0	Damaging Winds
	Thurderstorm the metal roo David City.	vinds (pestroy a farm	ed a uild	grain ing s	bin outher	and ble ast of	i I		tre	y to sixty	Ashto	n and 6	0 to	70 m.	p.h.	winds :	
Grant County	20 4:00 PM -4:30 PM			 0 	0	0	4	Hail	Marridal:3	of	over a gannebrog.	age i	pau caus 	ed t			east	Demander Winds
Arthur County	Hail damaged 20 4:15 PM	crops	ln sout	hern 0	orti	n of	county 4	Hail	Merrick and Hamilton Counties		9:50 PM 10:15 PM to sixty	m e 1	 uded-		į	4 		Damaging Winds
	-4:30 PM Large hail da	paged	crops i	n eas	i	_		bunty.		did down	considerab ed tree li	le tre mbs in	e damag Hordvi	e in 11e.	Centr	al Cit	y and	
Hooker County	20 4:15 PM -4:45 PM	l .	n ac	0	0	0	3	Hail	Phelps County		lly around				0			Hail
McPherson County	Hail damaged 20 4:30 PM -5:30 PM	l Lrohe	ra sout 	o 0	port 0	10n .or	the c	bunty. Damaging Winds	- incaps county	0ne	and half i	hch ha Indows	l il with in Hol	gust	y wir	1	i i	
	Sixty m.p.h. vicinity of T	vinds t	ith sm Some c	11 h	ail r	eporte ened.	d in t	ne I	Scottsbluff County	26	i :		1.51 	0	0	2	0	Damaging Winds
Lincoln County	20 6:00 PM -6:05 PM	!!	30	0	١٠	0	2	Tornado (0,-1,1)		Thur of s	derstorm w hall hail	inds g	usted t est of	 p 60 Scott	po.p.h (sblut	, with	l 1½ ir ees	and Hail ches
ı I	A tornado tou southwest of				count or cr					were	blown dow	n at L						ast
Lincoln County	20 6:20 PM One and a hal	inch	 hail f	0	0 2 mil	0 es по	5 th of	Hail	Saline County	27 Thre	8:30 PM	dnob 5	 - 	l o	0	0	 3 	Hail
İ	Dickens causi	g cro	damag	4.							quarter of Wilber		mrr CSO) J	rop da	i I	

			Į.		NO.	OF	ESTIN	ATED!				,	Į		NO.	OF	ESTIM	ATED†	JUNE 1981
		NOC W	PATH	ATH		SONS		AGE	CHARACTER			COCA	PATH	ATH	PER			AGE	CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED .	INJURED	PROPERTY	CROPS	OF STORM
NEBRASKA (cor Wayne County	28 3	:30 PM :45 PM			0	0	5	5	Damaging Winds	NEW HAMPSHI Statewide		(continue 3:00p - 6:00 p	d)		0	0	5	5	 Thunderstorms
	south o shed an to the	underst f Carro d 15 mi southwe ins wer	ll dest lk cow: st an :	royed which trigat	a bar were	n, gr in t	ain bi he bai	n, a m n. Ju	etal st		and mos hal	powerline t of the s f inches	s were outher	downed n part . Hard	in r of ti est l	nany se st sit w	ocati ite re is Ant	ons by ceived rim wh	e state. Trees gusty winds and one to one and one- pre a downburst
Dixon County	28 3 Thunder No dama	:55 PM storm w ge repo	inds g rted.	isted t	0 5 60	0 n.p.h	? . at 1		High Winds		win Fir	es in a 10 d also blo e Station eral vehic	W foot w out The	a cinde a cinde felled In Keer	ath r blo tree: le, al	pout pck w dam bout	one-q all of aged a 100 tr	uarter Antri bout a ees we	to about 200 mile long. The m's North Branch dozen homes and re uprooted,
Madison County	Winds g Airport	:10 PM usted to . Fall			ches	downe	d powe	at No r line	s.	NEW JERSEY	veh		lso lig	htning	stril	kes p			to structures or house fires one in
Scottsbluff County	Scotts	in thur bluff A	irport	. Thre	e qua	rter	inch	ail f	Damaging Winds and Hail	(Burlington Township) (Intersection of Rt. 541,Burlington -mount Holly Rd)	Str roo	p.m. ong winds ts of seve	ral st	ores in	a sh	oppi	ig mari	ķet, u	Twister r ripped off the prooted and split
Dakota County	crop d 28 5: Thunde	erstorm	winds	gusted	0 to 69	0 m.p	4 h. in	0 the S	Damaging Winds	and Sunset Rd, (Morris Township)		er for abo				na ki	?	out e	lectric and gas Thunder and Light ning Storm, High
	South off.	City and Sioux O A farm a City.	ity Ju shed v	nior Hi as blow	gh Se n ove	hool r 2 p roket	s roo iles	was :	ripped of		dam	age throug	hout d	he area	. A	60 y	ar ol	woman	Winds caused extensive n was killed when th she was a pass-
Platte County	at Lin	:00 PM gusting ndsay. rigation rops fla	Mobile syste	home o	estr	LOO ma	exten	vas re sive d	amage	NEW MEXICO Bernalillo, Sandoval County	eng 2 Publ		 	 nel clo	hđ ne	o br Be	0 ma111	ŀ	Funnel Aloft
Boone County	28 5	:30 PM winds an	d hail	from 1	0 4 m1	Les s	5 outhwe	 5 st of	Damaging Winds and Hail	Tucumcari, Quay County	ll Pilo	5:35p t reporte			 0 	0	0	0	Funnel Aloft
Stanton and Colfax	and so	n to 6 the heavily ome equitate Late vening	damag	ed, dar	age t	o fa	m bui	ldings	 	Portales, Roosevelt	18 P11d	5:53p t reporte 9:00p	1		j j	0	0	 	Funnel Aloft Tornado
Countres	Thumdo	o Early orming erstorm eastern	Platte	, south	ern i	Stant	n and	north	 - ern	Fort Summer, De Baca		l tornado ing damag Evening						me.	of Portales Flash Flood
	Colfa: along and n	x Count: Maple orthern ome pro	es res reek (Colfa:	ulted : ributa:	n ex	tensi In so	ve flo uthern	oding Stant	!	Romeroville, San Miguel County	23 Smal		short &	narrow ed down	0 near	0	3	0	ter mains. Tornado El Cerrito area
Gage County	One a	:10 PM nd three to 5 m	 quari les e	er incl	h hail sed d	0 11 m amage	0 ile we to cr	st of ops.	Ha11	Chaparral, Dona Ana	23 Stro	ing roofs 7:00p ng winds turned 70	associ	ited wi	0 th th	0 under	4 scorm		Wind Storm damage and
NEVADA NEW HAMPSHI Statewide		2:30p- i	NONE	REPOR	TED	0	5	С	Thunderstorms and	Albuquerque, Bernalillo County	25 A ha	3:00p	pilot	was ķi	1	0	0 he sat		Thunderstorm to a heavy
	A spua downpo	:00 p all line ours, se	vere 1	ightnir	g and	sev	roduci eral r	ng hig eports	Funnel h winds, heavy of small hail. ich caused trees	Albuquerque, Bernalillo County	Woma	Afternoon n on golf	cours				i	ng	Lightning
	and po power 8 hbur down t	owerline over Co rs in Be by a tre	s to t os and thlehe e. A	opple. northe m where funnel	Abou rn Gu one aloft	t 5,0 afto of t was	00 cu Coun e mai repor	stomer ties f n feed ted ov	s were without pr 30 minutes up to pr lines was knocked pr Lake Wicwas in h Conway Lake in	Roswell, Chaves County Tucumcari, Quay County	A su a ho	3:20p all torna me in the 5:35p	do tou area.	hed do	m de	nolis	3 hing	shed	Tornado and some damage to Tornado
Franconia Notch, Grafton County	Conway as wel	y. A to 11 as ti :00 am	rnado j	watch w	las id	eff ersto	ct fr	em 12: mings.	BOpm to 6:30 pm	NEW YORK COASTAL EXTREME SOUTHEAST,		t reporte	- 1			'	- 1	, , , , , , , , , , , , , , , , , , ,	
aration county	Lodge.	. The f	uge 10 ette C	g struc ampgrou	ture nds	was f	he ma Is bui	n bui	ne Franconia Notch Iding for the k in the 1930s by	NASSAU, SUFFOLK CO., METROPOLITAN AREA STATEN ISLAND	25 Thun	p.m.	thron	hout t	0	0	? owned	? hieh w	Thunderstorms Heavy Rain oltage wires
New Durham, West Mil- ton, Farmington Strafford County	A ther	:45 pm i I nadowas	first	30-50 sighte	l i	t we	t of	l New Dir	 Tornado Tham and made inter+		caus	ing power	outage	s and i	lood	ing.			
	mitter were u severa power	nt groun uprooted al homes lines. one how	id cont i, topp i, tota Approx	act in led and led two imately	heavi twis cars 2000	ly wi ted (and resi	oded off. a tra dence	areas. The fe iler, s were	Numerous trees led trees damaged and took down without power for										

		12	Ŧ			. OF	ESTIM	ATEDI			7	د	I		NO	. OF	ESTIL	AATED!	JUNE 1981
		OCA)	РАТН	ATH (SONS		MGE			İ	OCAI	PATH	Ē		SONS		MAGE	1
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
NEW YORK (co	ntin	ued)		! !						NORTH CAROL	INA	(continu	ed)	·	i į	i .	<u> </u>	<u>. </u>	<u> </u>
CENTRAL EASTERN SOUTHERN TIER,				i i	ļ !		į	!		Guildford County Liberty	6	8:00 P					5	?	Wind
MOHAWK AND UPPER HUDSON VALLEYS AND		len 101		!							Str	aight line	winds	caused	some	dam	age to	crops	and trees
SOUTHERN ADIRONDACKS		6P - 12A 	STORM	UTTE 1	0	DEAC	4 utnc 11	°C b m s	THUNDERSTORMS D MPH IN SARATOGA			uildings. alling tr		struct	prai !	dama 	i co	9u11u1	gs ave
	COUL	TY CAUSED	DOWNE D LIG	TREES	AND LSO	POWER	LINES TO TH	AND NU	MEROUS POWER R OUTAGES AS WELL	Surry County Mt Airy	13	 Afternoon				1	0	0	 Lightning
	ALSO	EVERAL TRE	OODING	OF RO	INOR DS I	DAMA N THE	GE TO	a few and nu	HOMES. HEAVY RAIN MEROUS BUSINESSES			in in Mt A			usly	ļ ļinju	l ded wh	en str	j Jek in
		HOMES IN E		ER VILL	ļ į			!		D 0		chest by Afternoon		ing.	1	 3		!	
AREAWIDE	22	2PM - 8PM		TRONG I	TIME	!	5 TNC TO	l°C I I7∧ мо	THUNDERSTORMS H IN SOME AREAS,	Dare County		person wa		ed (die		!	j L davs	ater)	Rip Tide
	DOWN	ED TREES A	ND POT	ERLINE:	T AN	OT 9	AN INC	HOF R	AIN WAS REPORTED IN		per	sons injur	ed dui	rng a r	ip ti	de i	ciden	near	Kill
	TREE	GE WAS THI S PALLING	MAJOI ON PAI	R PROBLI	M WI	TH PO	MER CU AND HO	T TO O	VER 40,000 PEOPLE, ND TEARING THE ROOF	Alamance County	18	6:30 P			0	0	0	,	 Hail
	OFF IN E	AN APARTMI SSEX COUNT	NT BU	ILDING :	IN TH AND	e upp rempo	ER HUD RARY B	SON VA ARNS W	LLEY. AT LAKE PLACE ERE BLOWN DOWN WHERE	Snow Camp		hunderstor							
NEW YORK	A SE	BCIAL STAT	EWIDE	HORSE :	HOW	NAS T	AKING .	PLACE.			acr	ompanied b es of crop		ie size		 	}		
WESTERN Canandaigua, Ontario	22				0	0	4	0	# Lind	Columbus County Cerro Gordo	20	6:26 P		ļ 	0	0	1 0	¦ ?	Hail
County	Wind								poats; broke tree d power lines which	Iredell County		øderstorm kel to mar				‡mbus ∙	Count	y accor	dpanied by
	rend	ered 2 tho	usand	resider	ts w	thou	elec	cricit	·	Mooresville	25	Afternoor			0	1	0	0	 Lightning
Gibsonville, Livingston County	20	220 PM	dozet			0	11000	C .	Wind, Electrical and Rain nterrupted electri-		A 3- burn	year old o	hild r	eceived ghtning	seco	nd a Le si	nd thi	itd deg on a p	tee brch.
and Farmington, Ontario County	cal	service fo	r 2 ho	urs to	8 th	busan	i cust	pmers	in Ontario County. hd blew a 3-foot-	NORTH DAKOT		 10:52 a	ļ			-			 Funnel
	diam	eter hole	on its	wall.				ĺ	caused flash flood-	(Williams County)		CST		!	i		!		1
	ing	in Gibsonv	ille.	Farmla	inds :	and c	untry	roads	were inundated.	Hebron 12S (Morton County)	9	2:12 p	Short I	Narrow	i 0 !	0	3	0	Tornado Thunderstorm Winds
NORTH CAROL Burke, Catawba and	INA			 							Tor	ado touch	ed dow	h brief	ly.	No di	mage	reporte	d. Strong thunder- e and several small
Irdell Counties	1	overnight		į	į		0	0	Heavy Rain		Tan	building red.	s. Tw	b peop1	e in	the	pobile	home 1	railer were un-
	A fl Caro	ash flood lina durin	watch g the	was iss hight o	ued i	or No	rthwe	tern Heav	orth rains	Glen Ullin 1S	1	i 2:32 p		 			i		[Funnel
	in I	ina durin rred from redell Cou	Catawi nty.	Rainfal	h Bui	ke Corts	range	o Sta from	esville 6 inches	(Morton County)		CST			<u> </u>		! !	į	
Bladen County	100	k inches w	ווו אנ	me stre	ec 11	0001	ıg ın :	tates	ville.	Lark 1E & 6N (Grant County)	9	CST	į į	Narrow	[[į	0	0	Tornado
White Lake	2	1:25 P			0	0	0	?	Hail	Bismarck	9	ado touch 3:15 p	ea aow I	n briet	y. 0	100 a	amage 3	report:	dd. Thunderstorm winds
	Thun by m	derstorm m arble size	oved E hail.	ast thr	ough	Blad	n Cour	ty ac	ompanied	(Burleigh County)	1	CST	 damaq	ed by a	1 1	l	İ	ł	Indiderstorm winds d been knocked
Onslow County	2	2:05 P		 	0	0	0	?	Hail		ove	by stron	y wind	s (53 m	ph at	Bisi	arck	Airport	d).
	Thun	l derstorm m hail betw	oved E een Ja	ast thr	ough ille a	Onslo	w Cour	ty wi	b marble	Parshall (Mountrail County)	9	3:16 p			Į			!	Thunderstorm winds
Montgomery County		3:00 P		 				i	Ha1l	Shields 6N	9	s of 71 m 3:40 p	pn. N	o damag 	e rep !	orte: 	4. !		- Europa'
	Thun	derstorm m	oved E	ast thr	ough	Mont	omery	Count	,	(Grant County)		CST				 			i Funnel I I
	Dama	uced large ge \$140,00	naii, O.	camagi	ng cu	ops t	ear b	scoe.		Killdeer (Dunn County)	20	12:11 p CST				i I	İ		Funnel
Rockingham County Reidsville	6	7:40 P	8	15	0	0	5	0	Tornado		20	2:00 p				 		ļ !	Funnel
	A to	rnado touc	hed do	wn near	Rout	e 29	North	in No:	thwest	(Morton County) Center	20	2:10 p			İ	į	[i	Funnel
	down	ville and several t ted near	imes w	ith onl	ly dan	iage t	o tre	s. H	ill was	(Oliver County)	[CST			 			! !	i i
	Rock	ingham Cou	nty.	, morth 	, varo	rma	TII NO	cueas		New Salem (Morton County)	20	2:16 p CST				į		<u>;</u>	Funnel
Forsyth and Guilford Counties, Winston	١.	7:40 P	8	15	ļ	1	5	0	Tornado		20	1 ! 2:35 p						!	Funnel
Salem	A to	nado toud Northeas ofed four	hed do t, cau	wn in S sed dam	buthe age t	aster o a n	n Win ew ap	ton Sartmen	lem and complex,	(Mercer County) Turtle Lake	20	CST 2:43 p				į	į	ļ	i Funne1
	vest	fed four wall and four time	north	end. T	he to	rnado	touc	red dor	n at	(McLean County)	20	CST					 		
	dest:	oyed in S Conside	outhea	stern F	prsyt	n Cou	nty of	Macy	Grove	(Ransom County)	20	3:00 p CST			 	! [! !		Funnel
	path	destroye n and did	da mo	bile ho	he in	juryi	ng a 🛊	oman,	destroyed	Haley {Bowman County}	20	3:26 p CST				•			Funnel
Forsyth County	١.	7:40 P		!	İ	0		!	Wind	Wing	20	3:28 p					į		! Funnel
	fron	ha Vista a h a severe	thund	erstorm	dest	royed	at le	ast 7	i	(Burleigh County)		CST				j !	!	į Į	
	500	homes. M	stly :	minor s	Fruct	ural!	damage	to ho	mes	Minot 50W (Mountrail County)	20	3:58 p CST					į		Funnel
	by	falling falling tr	es.	Some	Pers	es at	u cars	uesti	oyea	Tuttle (Kidder County)	20	5:00 p CST						į	Hail
Person County	6	8:00 P	- 1	30	0	0	5	?	Tornado	i	Hail	one inch	in di	meter.	No	damag	l le repo l	rted.	
	A to	rnado tou erson Cou	hed d	own abo d moved	it 3 East	miles doim	South g dama	west ge to	f Roxboro outbuildings, s suffered	Sherwood (Renville County)	21	12:26 p CST		.				į	Funnel
	dama	s and she ge to roo orts the P	ters.	Homes gles an	and d TV	stron anten	ger bu	ilding Eyewi	s suffered ness	Ellendale	21	3:00 р			0	0	2	0	 Lightning
1	the	rts the Pre-	been	two fu	nnels	that	merge	ind14	aced that	(Dickey County)	 Ligh	CST ! tning seve	rely d	lamaged:	a la	rge t	ree.	!	į

		CAL	PATH	員		OF SONS		ATED† IAGE				CAL	РАТН	Ŧ		. OF ISONS		IATED† IAGE	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
NORTH DAKOT		10:02 p	i) ¦		i				Funnel	OHIO All Time EST			ļ		<u> </u>		į		
(Griggs County)	22	CST 0:06 p		: 	 	İ			Funnel	Clark, Greene, Holmes Ross, Athens, Picka-	5	Afternoon Evening	-	-	0	0	6°	c	Heavy Rains
(Griggs County)		I CST		 						way, Monroe, Belmont, Fayette	Hea	v thunder	torms	moved	thro	gh se	everal	Ohio	
(Towner County)	27 Hail	4:00 p CST stones up	to 2	nches	n dia	0 mete	2 dent	ed the	Hail roof and body of		tim of	oties dump periods. drainage s usands of	ing 2 This zstems	to 4 in caused and ur	ches cons	of raidera	ain in able f i Als	ishort Looding	
Walhalla	a ca 27	r, and de 5:00 p	troye !	almos	1000	acr	es of	small	grains.		tho The	usands of thudersto	acres ms we	of farm re wide	land by so	were atte	flood red.	ed.	
(Pembina County)		CST tning str	l J yckał	 ome and	i	i	i i		Lightning set.	Lakefork, Ashland County to South of		4PM-415PM		200	ļ	0	1	ĺ	Tornado
Cavalier 7NW (Pembina County)	27	6:05 p	 	 	0	0	2	0	Thunderstorm winds	Jefferson, Wayne County	had	ornado fin a hit-ski ched down	o path	into W	la yne	Coun'	ty. I	t last	
Napoleon 12NW	Stro 27	ng winds l 6:34 p	nocked	down 1	ree t	ranc	ies.		Funnel		sev	eral homes e farm ani	and f	arm bui	idin	s an	d kill	ed	
(Logan County) McVille	27	CST 7:15 p		i !						Stark County	8	 5PM	-	-	0	0	4 ⁰	С	Hail
(Nelson County)	21	CST		i !					Funnel			hunderston pped 1 ind				ie co	unty a	nd !	
Edinburg (Walsh County)	27	7:27 p CST 			0	0	4	4	Hail, Heavy Rain, Thunderstorm winds	Bryan, Williams County	8	5PM	-		0	0	1	1	Hail, High Win
	vehi	cles, and	llliar cause	d size d crop	hail damag	broke e to	windo 10 to	ws on 12 tha	buildings and usand acres of		and	nunderston strong wi e and dama	nds.	The win	ds di	stro	yed a	hobile	105.
		n. derstorm rt road.	vinds ∣	l dama ged	two	barns	while	heavy	rains washed out	Liberty Center, Henry		I 6PM	-	-	0	ł	40	ł	 High Wind, Hea
Grand Forks AFB 40NW	27	7:28 p		 					Funne1	County	A t	hunderston	n prod	uced ov	l ler 2	 inch	es of	i I Irain	Rain
(Walsh County)	27	7:30 p			 				Funnel		and dra	damaging inage area aged sever	winds. s thro	The r ughout	the	flood ount	ed man Th	y poor b wind:	
(Emmons County) Fort Yates 5E	27	7:33 p				į			Funnel	Tuscarawas County	tre	es in Libe 7PM	rty Ce	nter.	0	ļ	4		High Wind
(Emmons County)		CST								ruscaronas councy	Thui	derstorms			i Winds	dama	ged s	veral	l l
Temvik (Emmons County)	27	8:00 p CST 			0 	0	4	4	Thunderstorm winds Winds, Hail	Lima, Allen County		es and dol 730PM	med t	rees an	ם שנו O	[]	ines 4	ļ.	High Wind
	dama	ged roofs	Lstri	ped le	ves	off t	rees a	nd dam	iding on houses, aged crops. Strong he roof off a barn,		A ti	understor damaging	with	damagi	ng wi	nds d	i trosse Itrees	the	
	and	destroyed I	sever	11 mach	ne s	neds.					uti	ity lines			i			j I	Tornado
Hatton 5NW (Grand Forks County)	27 A to	8:29 p CST rnado tou	i	i	i	0 in an	O j lopen	0 field.	Tornado No damage	Sidney, Shelby County	A to	738PM rnado mov	3 ed thr	200 ough th	0 e Arr	Í Íowhea	d sub	i Iivisio	n
Steele 8SW	repo 27	rted. 8:31 p	į 						Funnel		in: Two	helby. S residents	veral were	houses injured	by 1	seve lying	erely gglas	damaged	
(Kidder County)		CST	İ							Marion, Marion County		750PM	ا ۔	- -onsido	0		4	1	High Wind
Napoleon (Logan County)	27 Waln	8:39 p CST ut size h	ail and	l I funne	1	O ud.	0 No dam		Funnel, Hail		A f	understor ictory was iged. Als	unroo nume	fed and rous tr	seve ees a	ral l	houses tility	were lines	' .
Streeter (Stutsman County)	27	9:15 p CST		1	ļ				Funne1	Morrow County	wer	downed. i	j 5	200	0	 0	40	 c	Tornado
irafton 10SW (Walsh County)	27	9:20 p CST		 	0	0	4		Hail, Thunderstorm	, and the second	l Am	ni tornad s and far	did	hit ski	l D dan	l lage 1	o rur	 	
-		two inche led two ba		 ameter 	dama	ged ¢	rops v		winds hunderstorm winds	North Liberty, Knox		S and Tan 845PM	5 5	50 50	ρι () 0	2	i	!	 Tornado
hompson (Grand Forks County)	27	9:30 p CST							Funne1	County	A to	l Irnado str Idings and	ck th	is smal	l 1 tov es and	i yn dar i l ine	l mlaging ds. T	severa No	1
•	27	11:00 p			0	0	3	0	Thunderstorm winds		res des	dents wer royed. Q rs later w	e inju ne of	red whe those i	h a n Injure	dobile d die	e home ed sev	was eral	
	cause	lerstorm w d minor d	amage i	to trai	lers:	ripp	ed awa	y part	an athletic field; of a grain storage		the	hospital.	ien SN	e suite			ļ .		Itaauu Bad
		ity; and 11:46 p	knocke 	d down	power	line !	s and		Funnel	Ashtabula County	ļ	5-9PM ee to four	inche	- s of ra	in fe	0	4°.	!	Heavy Rain
(Sioux County)		CST						į		Wyandot County	flo	nding farm 6PM-9PM				įsyste I			 -
(Stutsman County)	ļ	12:35 a CST all size	hail.	No dam	l I lagenl	eport	i ed. I		Hail		Ove	4 inches	of ra	in fell	fron	thur	doret		Heavy Rain
	28	3:00 a CST			0	0	3	0	Thunderstorm winds	South O	road	he county is and flo	ding	drainag	₽ sys [y, was rtems.	ļ	ut 	
	Thune garas		inds t	ore off	tree	tops	, twis	ted tr	ees and blew open	South Central Holmes County		925PM 925PM	3	· 500	0	0	5		Tornado Tornado
(Griggs County)	28	2:45 p CST	i i		l i	0	0	İ	Tornado		of (tornadoe	ountyl	line s	buth	of Mi	Herst	tura !	
	Torná I	do touche	d down	briefl	y in	a fie	1d.	o dama	ge reported.		The the	ral house storms mov right bei	ed web g the	t to e straig	ast w	ith (he sto	rm on	
	į					į					The	houses in undamage	the sk	rip be	tween	the	storms	were	
						į				Holmes County		9PM-11PM	i	-	0	0		1	Heavy Rain
ļ	ļ					j	-				Uver wasi	3 inches ing out 9 nage syste	bridge	n fell s, flo	from oding	thun farm	idersto iland a	rms, nd	

	; [CAL	PATH	Ę	NO. PER	OF SONS		MTED†				CAL	PATH	Ę		OF SONS		ATED¹ AGE	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF !	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
OHIO (continued)			ĺ		.		4°			OHIO (continued)		10AM-6PM	į	. !	,	0	8 ⁰	c	Heavy Rains
Richland County		9PM-1AM derstorms	left	- i over 4	inche	0 		1	Heavy Rain	A band from the northeast corner to the southeast corner		te to five	inche		n fe	¦ i	į		neavy Kallis
	Coun	ty. Seve field. F	re urbj armlanj	an flooi ds werel	ding f alsd	took flod	place ded.	jin Aman			nor	hwest, ce ed floodi nage syst	ntral	and sou	theas	it Ohi	lo. Ti	is i	
		ned in hi rpass.	s car l	after i	t stal	lled	in a	flooded I			flo	ding was i	in thei	Maumee	Bas1	n est	ecial	y I	
it. Henry, Mercer County	8	945PM	-	-	0	0	4	0	High Wind		flo	g the Bla ance were ding occu	rred il	n Manst	ield	a long	Toby	Run	
	fan	derstorm building downed.	winds s. Al	unroofe so tree	d sev s and	eral util	house: ity l	and nes			sle	Rocky For p while c out of i	amping	when t	he Ve	rmil i	in his	er	
iandusky, Erie	8	1010PM	-	-	0	1	0	0	Lightning	Doylestown, Wayne County	16	135PM	-	-	0	0	5	0	High Wind
County	An the	8 year ol parking 1	l woma bt of	i h was s Cedar P	truck bint	by T Amuse	ightn ment	i Ing in Park.		councy	to	ong thunde the Oak Pa	rk Tra	iler Pa	rk,	Seve	al mo	iile ļ	e
lui-buille. Tutermouse	She	was not s	erious	ly inju	red.	0 !		l	High Wind			es were da ned.	maged (or dest	royed	and	trees	lwere	
Irichville, Tuscarawas County	At	Midnight understor	n with	damagi	i0 I hgwi	nds d	owned	 trees		Stark and Portage Counties		145PM	-	-	0	0	4		High Wind, Hail
ersailles, Darke		damaged h	puses . -	jjust so ! ! -	Lith o	f Uri	4 4	!	High Wind		str	hunderstor bng winds aging seve	noved	through	thes	ize e co	jail a Inties I	idi	
ounty	A th	understor	i n_with	strong	wind	s hit	a fe	tival		Palmyra, Portage		215PM	1	150	İ	0	5	0	Tornado
	and	he town. buildings lying deb	damag	al tree ed. Th	ree p	tent eaple	s were	injur	d d	County		mail torna	do dam	aged se	veral	l I homi I	s and	a	
Trotwood, Montgomery	1	1255PM	1	100	0	0	4	0	Tornado	Wilmington, Clinton		230PM	-	-	0	0	4	0	High Winds
County	A m	ni tornad ut 10 mile s and kno	 b touc s west	l hed dow of Day	n in	this It	commu lamage	dity d seve	ta1	County	A t	hunderstor bofed seve	m with	strong uses.	wind Also	s da	paged s and	and utility	,
	. 1		cked d	own tre	i i			ì	i		lin	es were do	wned.		İ	i			
pringfield, Clark County	A 3	43PM 	woman	was st	0 ruck	l by li	ghtni	!	Lightning I	Ansonia, Darke County		1014AM mall torna	3 Ido tou		l 0 Iwn da	1	5 ng sev		Tornado
	inj	red while	talki	ng on t	he te	lepho	ne.	ĺ		Marysville, Union	hon	es and dow 1230PM			1	3	}		l Tornado
Cardington, Morrow County		223PM	(4 adosm	i	4 i hroud			ì	Tornado 	County	A t	rnado tou	hed d	l bwn nor	h of	Mary	sville	damag	-
	cen	trong torr tral Ohio the downto es. Over troyed. I	ltown. wn bus	The st	orm d istr	estro ct a	yed π od sev	bst eral	 		and	several f deposited three rec	it an	‡ its 3	joccu	ipant:	in a	woods .	
	des	es. Over proyed. T	100 ho he Car	mes and dingtor	50 t Mill 2 de	usine s app	esses Partme	were nt everal		Mt. Vernon, Knox		115PM	2	150	1	0	3	0	Tornado
	wer	e resident	is of n	obile h	lomes !	The	stor	fi	i	County	Eye	itnesses ed area.	l baw a Sever	 mini to al tree	rnado s wer	tous	h dow	in a done	
	pre tow	tty much 1 1.	ollowe	d State 	Rout 	le 42 	throu	ign the I			wma	11 buildin 1			ed.	į	į Į		115 - E - 115 - A
Columbus, Franklin County		230PM	1/2	!	!!	0	30	C	Tornado	Fairborn, Greene County and Montgomery County		153PM d s measure	- d at 7	i - hmahd	į0 I nids∈	i	5 damag	i i	High Wind
-	dow	eral eyew n in a ru	tal are	a in t	le no	thwe	st cor	her		5545	eas Fai	tern Montg rborn. Ho	pmery	County	∄nd i	i n th	e city	jof ∣	
Adamsville, Muskingum		the count 330PM	3	!	0	ι.	i	1 0	 Tornado	Lisbon, Columbiana		ped. 221PM		100		 n	 30		Tornado
County		rnado des rs in Ada								County	l _{Eve}	j witnesses	saw a	tornado	drop	dow	i n in a	rural	101 11000
Kingscreek, Champaign	were	damaged 335PM				were	downe	d. ¯			are lan	a. Damage 4.	was c	onfined	to v	pods I	and f 	ım	
County		 year old	l man w	as stru	l ck an	0 d kil		i	Lightning 	Dillonvale, Jefferson County		250PM	-	-	0	į	4	i,	High Wind
County County	1	tning as	he sto	þd bene Í	İ	i		į	 		man	Hunderstow y homes. the wind.	n down Severa 	led seve Il house I	mai i s had	urees 1 roo 1	and d	µmaged 	
Franklin County	ŀ	415PM understor	- mp with	- damagi	l O I hg wi	! !	3 loved	!	High Wind 	Athens, Meigs,	21	345PM	_	-	0	0	4	0	l High Wind
	'dama	mbus. Wi ige was do lines wer	he to	buildin	ured gs wh	at 60 ile s	mph evera	and tree	\$	Gallia Counties	Thu	 mderstorms \$iderable	with damage	winds m	j jeasur ise co	red a cunti	ļ tļ65 m els. B	h did uild-	
Cambridge, Guernsey	1	1 mes wer 436PM	1/2	100	0	0	3 ⁰	c	 - Tornado		ing	\$ were dan		nd tree	is we	rje do I	vmed.		Townsde
County	Eye	 litnesses litarea ju	j paw a ist ess	small t	prnag	o tou	ich do	yn in	1	Lawrence County	1	420PM ini tornac	i I Io tour	i 100 I Shed dov	ļ į	!	t of		Tornado
Glenford, Perry		area ju 440PM	isteas 1 12	250	ļ į	ge. 2	5	0	Tornado	Converse, Van Wert	dan	aging farm				House		 	Tornado
County	A to	rnado dio	sever	l e damag	e to	this	small	town.		County to Spencerville Allen County	A t	i Ornado did	hit s	kip dam	i nage 1	From) douth	i af	
	of	ral mobil the reside	nts be	ing inj	uest ured.		i	une			Con	Verse to m i building troyed.	iþrth o	f Spenc	ervil	lile.	Sever	á)	Í I
Zanesville		445PM	5 hinsh	300	ĺ	0	į	0	Tornado	Huron, Lorain, Medina		530AM-	-	-	0		5	0	 High Winds
	of	irnado dic lown. Sev es were do	eral h						and	Cuyahoga Counties	The	630AM	 	 				 	
Frankfort, Ross County	1		-	-	ļ 1	0	0	0	Lightning		con	nderstorms giderable utility	proper	ty dama	ge ar	rd do	ned t	ees	
	A 3	year old otning whi	man w	as stru	ck an	d kil	led b	ŀ							į		1	<u>'</u>	
	thu	ithing whi iderstorm.	1 e 1 10	ina ou	p tre	l l	1111111]							!		1	Ì	

		CAL	РАТН	Ŧ		OF SONS		IATED† IAGE				CAL	РАТН	Ŧ	NO. PER	OF SONS		ATED¹ IAGE	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER DF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
OHIO (continued)					ļ					OKLAHOMA (co				i	i i	! 0	. ?	i , !	Wind and Hail
Geauga, Portage, Ashtabula, Trumbull		630AM- 730AM	-	-	0	3	6	0	High Winds	Okeene, Blaine County		030p ile size h	ail and	40 MP)	ŀ	ļ	ì	wild she half estimate on damag
and Mahoning Counties	Thur	derstorms dings and	 with downe	strong H trees	winds and	dama utili	ged so	l dveral des				his area					e.		
	in t	hese coun especiall	ties. V hard	Southe hit.	rn As Three	htabu peop	la Cou le wer	nty e		Kingfisher County	2	700p			0	0	?	1 7	Wind and Hail
		red when age Count		fell o	hat I	raile	r in s	outher	in !		alse	spread pe winds to mates, sa	160 MP1	were:	tepor	ed 2	west	pf Out	ingfisher County ga. No damage
Berlin Center, Mahoning County	22	650AM	2	200	0	6	6	0	 Tornado	Loyal, Kingfisher	2	808p	410		0	. O	4	i	Lightning
anoning doonly		rnado tou turning c						i ix		County			a vac	ant hou	e on	fire	caus	i Ling an	estimated \$8,000
		pants wer itals.	e inju	red and	take	n to	area				dam	1			0	0	,	1 7	 Hail
Sidney, Shelby County	24	830PM	-	-	0	0	4	0	High Wind, Hail	Edmond, Oklahoma County	Co1	952p ball size	bail	reporte	!!	!	ì	!	nall mages, same area
		understor eter hail										it the ni							i
OKLAHOMA		city.	·		į .					Hollis, Harmon County	2	1016p			٥	0	0	0	Funnel Cloud
Lawton, Comanche County	1	430p) !) !	0	0	5	?	Hail, Heavy Rain and Flooding	Oklahoma City, Oklahoma County	3	830p	1.0	. 100	0	2	6	0	Tornado
	Go1 f	ball size	hail	vith so	j de fl	podin	g at :	 Lhwcon	Some residents		The	tornado t	buched buched theas	down i	n sou rozim	thwe:	t Okl	homa (city and moved es and 9 business
									es had 18 to 20 es near \$100,000.		wer	damaged.	Dema	ge esti	nated	in	cess	of \$1	million.
Boone, Caddo County	1	437p			٥	0	0	0	Funnel Cloud	Wheeless, Cimarron County	11	330p			0	0	0	0	Funnel Cloud
Moore, Cleveland County	1	455p	 	 	0.	0	7	7	Hail	Boise City, Cimarron County	11	600p	2	?	0	0	3		Tornado
		is ball s stimate g				in th	le вои: 	theast	section of Moore.	County					1	İ	1	ľ	small tornado.
Oklahoma City, Oklahoma Count	, 1	457p			0	0	7	?	Hail		Dam	ge estima	ted at	less t	han Ş	5,00	d.		
0.124.0	Go1	ball size amages.	hail	in sout	h Okl	ahoma	City	no f	gures given	Shawnee, Pottawatomie County	14	950p	1	,	0	0	1	7	Tornado
Dell City, Oklahoma	1	504p			0	0	0	0	Funnel Cloud		A s	i pall torna ipment. E	do des	troyed	p bar	n an	d dama	ged so	me farm
County Oklahoma County	1	515p				0	 7	,	 Hail	Bristow, Creek County		ipment. L night	KACE I	l Bares	0	0	?	į,	 Wind
,	Gol#	ball size	hail	knockin	g out	car	vindo:	ds bega	n around 515 pm										h wall on a buil
	rang	ing up to	grape	Fruit s	ize i	n Edm	ond a	ქ532 լ	ith the size	Kiefer, Creek County	15	r constru	3.0	Exact 100	l o	res d 3	i i i 5	[.	havailable. Tornado
		estimate 8, etc.	l betw	een \$7~	10 m1	llion	to c	drs, he	puses, businesses,	,	İ	i	!!	!	1	ļ	ì	1	of town, damage
El Reno, Canadian County	1	530p			0	0	?	. 7	Hail		hous	es were d	stroye	d, a ti	ird	overt	hrned,	and t	. Two trailer hree people
councy	Golf	ball size	hail,	no est	imate	give	n on o	amage	si.		had	just been	repair	ed from	a dam	pge t	y the		as a house which Sunday tornado.
Kingfisher, southern Blaine, and central					ļ		! !	į	1	Bristow, Creek County		ges were	xpecce 	in to e	0	3 	, 000. 6	,	Flooding
Logan Counties	1	600p			1 0 1	0	16	C	Hail	,,		!	of ra	in fell	in a	!	ł	!	sing Catfish
		le to sof stimated				nageo 	, 16,U	U acri	s of wheat causing		mob	le home p	rk and	a mot	1.	The r	totel a	bstair	acuated from a med major damage
Hollis, Harmon County	1	600p]]]	0	0	6	İ	Wind and Hail		to l	e taken o	t thr	ough the	e win	iows.	Also	jsusta	he people had mining major were mages to county
		\$2 milli				D MPE	with	rain	nd hail caused			ges alone							!
Lake Lawtonka, Comanche County	1	621p					5	,	Hail	Miami, Ottawa County	15	230a			0	0	?	7	Lightning and Flooding
	Base	ball size		l lamaged	-	i			etc, estimates			tning str enience s							ing damaged a
Df==== 0-13- 5	oved	\$100,000						İ		Lawton, Comanche	com	 	1	W CYU	14	 	 	į	i i
Binger, Caddo County	Torn	700p ado repor	? led ne	7 hr Bine	l 0	ving	0 south	l 0	Tornado known damages.	County	15	100p			0	0	į 4	?	Lightning and Flooding
Verden, Grady County	1	717p	l le	L. DINE	0	Ving 0	0	0	Funnel Cloud		Squ	w Creek o	verflo	red int	the	same	area	 floode	d earlier in
Lake Overholser,	į	-										month, ho tning cau							this time. church.
Canadian County Yukon, Canadian Count	1 [1	742p 800p			0 -0	0	0	j 0	Funnel Cloud Lightning	Miami, Ottawa County	19	345a			0	0	7	?	Wind
Takon, banasian count			ted f	ires ca	ļ į			ĺ	8,000 damage to			thunders				Į	!		structures, no
	two	houses.						'		Enid, Garfield County		400p			0	,	?	i	Wind
Eakly, Caddo County	1	830p		ee past	1	2	?	1	Flooding		roof	s. fences	outbu	ildings	i. eti	c. T	wo air	planes	term damaged tree on the flight li h blow cravel of
	Unati	le to det	ect th	washo	μt, a	man	drove	his c	es cast of Eakly. Fr into the t on its top in		the	once AFB v roof of th igures we	e basq	clinic	bre	pking	the w	q. wind Andows 	s blew gravel of: in 20-25 cars.
	abod	t four fe	et of	vater.	The	μríve	r man	ged to	escape and pulled was swept away and	Pawnee, Pawnee County		300p		•1	0	0]* ! ?	?	Wind and Hail
		n by the							washed out in the		Soft	 ball size	hail d	and wind	s gu	sting	to 60	MPH c	aused considerab
Guymon, Texas County	2	500p	?	?	0	0	7	?	Tornado		dama dama	ge. The l	creen	at a di	ive-	in th	estre	was bl	own down; Also s were given on
- 1	Į.	-	!		1	l	i	ł.	i i	1	the	damages.	i i	j	ı i		!	1	ļ

PLICE 2			<u> </u>	Γ.	Γ	Γ.				,			r	Г		T		,		JUNE 198
OKLAHOMA Combinated Tales, Data Courts Tales, Data Courts Tales, Data			OCAL.	PATH	Ħ_								CAL	PATH	Ŧ					
The state of the s	PLACE	DATE	TIME - L	LENGTH OF (MILES)	WIDTH OF P. (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF	PLACE	DATE	TIME - LA STANDARD	LENGTH OF (MILES)	WIDTH OF PA	KILLED	INJURED	PROPERTY	CROPS	OF
Primer, bay floating and the state of the cold are placed floated floated primers calculated by the cold and			. '	į					İ			A (c	ontinued)		[_	<u> </u>	!	·
Promot, bay Country 20 40% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tulsa, Tulsa County	A 10	year old			soug	ht sa	fety	i	!	Clarion and Venango	9		o	0	3	0	8	?	Heavy Rain
A fine sorting thereforecements in the said state for short 3 horry. New York of the State of		29	400p		 	0	0	٥	l	i l		and and	Venango c homes. Ha	ountie:	. Walls it area	of was	vatez the	washe Sage B	d out	roads, bridges, ek area just
Lacking service lites. Lightness diverse in the house, haven, because of the service of the serv	Enid, Garfield County	l '	1	j thund	 	i	i	ĺ	ł	j			i	!!!	!	!!	1	i	!	
Laview, Committed Laview, Commi		sta: bus	ting seve	ral fi bwer l	tes. L Ines, s	lghtn hd an	exp]	uused osion	damag at en	oil tank battery.		The	de were br	ef to	nadoes	touc	l hdown	i is at A	 ew Sew	ickley Township
Learen, Comache County 30 100 0 0 0 7 7 1 imprise granted and appreash by the control of the county Lighting statistical bound little dampie exhibited of the county Lighting statistical bound little dampie exhibited of the county Lighting statistical bound little dampie exhibited of the county Lighting statistical bound county active statistic and and active statistic statistics. NOREON NAME OF THE OWN DISTRICT COUNTY AND DISTRICT COUNTY Learning active statistic statistics. Learning was statistics. Learning was sta	Jay, Delaware County	30	morning			0	0	7	?	Flooding		Cou	Beaver cou ty. Only	ty and	lat Fo: proper	Cha ty da	pel a mage	und Plu	m Boro lowned	in Allegheny trees.
Larron, Committy 30 100 0 0 1 7 Capturing and half Lighting started where for A langua estimates of 1930s, Though grounds started where for A langua estimates of 1930s, Though grounds control of the part of the control of the con											Cambria County	22	1 25 PM	0	0	0	0	4	?	Tornado
Lighting street a horse first danges as finited to 31200. Control Capter given on offenges. Birran, Cleveland Country 30 2210 0.3 carres 0 1 5 0 Devands Country The Capter given on offenges. Birran, Cleveland Country 30 2210 0.3 carres 0 1 5 0 Devands Country The Capter given on offenges. The Capter g		i	!				Ì	ļ	İ					torna 	io touc	ndown	, thi	is time	at Ea	st Taylor
Remark, Clerkind County 30 2320 0.0 courses 0 1 5 0 Trends Trends touched for instella forward. As a whot deductable sustained denges near 50,000 and cless solidant, received direct injuries. Those was made sometime of the county of the cou	County	Lig	tning st	tted s	house	l tire,	 dama	ge es	∮imate	at \$2300.	Counties			*				İ		•
County 30 300 0.0 servery 0 1 5 0 0 Ternado Trended consider for control processed one parts and the object of parts and the control processed of the parts and the control processed on the parts and the parts an	Norman Claustand							 				and	prooted t	rees.	assorte Wind gu	dam stso	age : if 48	includ. Imph w	ing lev	eled buildings orded at Penn
OREGON Washingtoned Clackasson County Studies Alters Lane County PACIFIC NOME SEPORTED NOME		Tori	ado touch	ed dow	i n insid	i e Nor	j han.	 An a:	i u‡codea	lership sustained		Stat	g. 	NONE	REPOR	TED			 	
Name of the control o	ODEGON										RHODE ISLANI	þ	Ì	NO D	ATA RE	CEIV	ED	Ì		
State Outsty PACIFIC NONE REPORTED NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA RECEIVED TENNESSEE Rabbillia, SC. SOUTH DAKOTA NO DATA	Washington, Multnomeh and		-	UNK	UNK	0	0	UNK	UNIK			18		-	-	1		0	0	Heat
PACIFIC NONE REPORTED Italy brinds also become the power lines. SOUTH DAKOTA NO DATA RECEIVED	Siuslaw River	6–7		UNK	UNK	0	1	4		heavy swells sunk			ern accribi	Lea to	neat s			0	0	Heat
PENNSYLVANIA EASTERN 14 6 to 7 15 Early Lighthing trive cound damage in the Villiamsport area. A lighthing fries counded damage in the villiamsport area. A lighthing fries counded damage in the villiamsport area. A lighthing fries counded damage in the villiamsport area. A lighthing fries counded damage in the villiamsport area. A lighthing fries counded damage in the villiamsport area. A lighthing fries counded damage in the villiamsport area. A lighthing fries counded damage in the villiamsport area. A lighthing fries counded damage in the villiamsport area. A lighthing fries counded damage in the villiamsport area. A lighthing fries counded damage in the villiamsport area. A lighthing fries counded damage in the villiamsport area. A lighthing tries counted damage in the villiamsport area. A lighthing tries counted damage in the villiamsport area. A lighthing tries counted damage in the villiamsport area. A lighthing tries counted damage in the villiamsport area. A light reason was a light proposed damage in the villiamsport area. A light reason was a light proposed damage in the villiamsport area. A light reason was a light reason was a light proposed damage in the villiamsport area. A light reason was a light reason was a light proposed damage in the villiamsport area. A light reason was a light										blew trees into	Hampton, SC		ths in Co					to hea		
PENNSYLVANIA EASTERN 1 8 to 7 PM EDT Lighthing tarfare cleased damage in the Williamspeer men. A Lighthing fifty counted extracted damage in the bottless of the country Lighthing fifty counted extracted damage in the Williamspeer men. A Lighthing fifty counted extracted damage in the bottless of the country of the bottless of the country A tornado cut of Fernando and Fernando FFP212 A tornado cut of foun-file methiness Mountain Top, Luserme Country Must crease were unrysted, beauther for the country Must crease were unrysted, beauther for the country A tornado cut of foun-file methiness Mountain Top, Luserme Country Must crease were unrysted, beauther for the fitted and the second of a first of the fitted and the sixty of the fitted and the second of the discharge	PACIFIC		İ	NONE	REPOR	TED					1	'A 		NO D	AIA KE	LEIV				
PH DT Lighting strikes coused danger in the Williamspher area. A lighting fire coused accretive dange to a house in South Williamspher area. A lighting fire coused accretive dange to a house in South Williamspher area. A lighting fire coused accretive dange to a house in South Williamspher area. A lighting fire country. A country in the context. A tomado cut a four-sile matchines books or broke off along this path. One books was severely danged with a lark portion of the cooks was exceeding danged with a lark portion of the cooks was exceeding danged with a lark portion of the cooks was exceeding danged with a lark portion of the cooks was exceeding danged with a lark portion of the cooks was exceeding danged with a lark portion of the cooks was exceeding danged with a lark portion of the cooks was a cook of the cooks was exceeding danged with a lark portion of the cooks was a cook of the cook of the cooks was a cook of the cook of the cooks was a cook of the cook of the cook of the cooks was a cook of the cook of the cooks was a cook of the cook of the cooks was a cook of the cook of the cooks was a cook of the cook of the cooks was a cook of the cook of the cook of the cook of the cook of the cook of the cook of the cook of the cook of the cook of the cooks was a cook of the cook of the cook of the cook of the cook of the cook of the cook of th	EASTERN	Ϊ							i		Nashville,	l	-	ì	i -	į	į		 - 	!
Weight Township, Lucerne County Weight Township, Lucerne County A townsho cut a foun-file such inseas Mountain rob, Lucerne County Many three west querycoted, whose date of the books of face on the block of face of the large period of the face of the large period of the face of the large period of the face of the large period of the face of the large period of	hycoming county		PM EDT	i ikes c	 used da				į			fro pla ris	n a few in ying in th ing water.	dhes t ditc Thei	sever	I fe	et w	ithia : beath	dautes y were	. Two children washed away by the
Wright Township, Luserne County 2 PEDT 0 0 0 Tornado FPP121 A townsdo cut a four-file quest near Houstain Top, Luserne County, Many trees were upropted; Hnocked does or lorosch off along this just he house was nevertly damage, within larke portion of the root form off along with other damage. Eastern Pennsylvania 2 11 AM to 8 PM EDT Thunderstorms scattered over Eastern Fennsylvania, downed trees and tree links. The failing trees and links brought down utility lines and damaged eurocochiles. Eastern Pennsylvania 25 4 PM to 7 PM EDT 0 1 6 0 Wind, Heavy Rain Flectrical Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania, High wind guest, 77 PW at Allentown county Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania, High wind guest, 77 PW at Allentown county Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania, High wind guest, 77 PW at Allentown county Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania, High wind guest, 77 PW at Allentown county Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania, High wind guest, 77 PW at Allentown county Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania, High wind guest, 77 PW at Allentown county Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania, High wind guest, 77 PW at Allentown county Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania, High wind guest, 77 PW at Allentown county Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania, High wind guest, 77 PW at Allentown county Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania, High wind guest, 77 PW at Allentown county Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania Widness thunderstorms moved across the anumers we-thinds off Eastern Pennsylvania 25 a PM to 1 Toroado 1		port	and in P	e caus	ad exter	sive	dama	ze to	a hous	e in South Williams⊧!	Dyersburg,	ŀ	İ	!	[1	7	7	Heavy rains
A tofnado cut a four-mile swathinear Mountain Top, Luserme County, Ranyl trees were uproficed; imocked does not broken for along this path. One house was severely damaged within large portion of the roof form off plang with other damage. Eastern Pennsylvania 20 11 AM to 0 0 4 0 Wind 8 PM EIT Thunderstorms practiced over Eastern Pennsylvania, downed trees and tree links. The failing trees and links brought down utility lines and damaged automobiles. Eastern Pennsylvania 25 4 PM to 7 PM EDT 0 1 6 0 Wind, Heavy Rain Electrical Violent thunderstorms moved across the southern two-thirds off Eastern Pennsylvania (and damage). Willest thunderstorms moved across the southern two-thirds off Eastern Pennsylvania, liftly wind gusts, 77 PMH at Allentom, counced considerable damage. Innustrable trees were partially or completely by bloom down in uprotect. The trees fall on utility lines, auconsiderable damage. Innustrable trees were partially or completely by bloom down in uprotect. The three fall on utility lines, auconsiderable damage. Innustrable trees were partially or completely and by the same thunderstorms which had north of McDeen, Humphrays County Willey around Allenthom and Batthlends. In this greet partially or completely and special protection of a sall and all of an office building. Several hims were bloom over and falling trees derivoyed several house trailers. The wind gusts, falling trees and injudicing protection of a sall and all of an extend of the protection of the county of the protection was supported by the county of the protection was supported by the county of the protection was supported by the county of the protection was supported by the county of the protection was supported by the county of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protecti	Wright Township, Luzerne County	21				0	0	. 4	0	Tornado FPP121		you blo	ng boy fel cks before	l into	one of	the ly re	ditci ocue	nes and	l was s	wept for several included going
Eastern Pennsylvania 22 11 AM to 8 PM EDD		Many	trees wer	je upro	oted; k	nocke	d do	n or	broke	off along this		6	4:15 a.	1	70			5		Tornsdo
Thunderstorms scattered over Eastern Pennsylvania, downed trees and treel linbs. The failing trees and labs by by an a first line of the failing trees and labs by by an a first labs that the failing trees and labs by by an a first labs that the failing trees and labs by a first labs that the failing trees and labs by a first labs that the failing trees and labs by a first labs that the failing trees and labs by a first labs that the failing trees and lower by a first labs that the failing trees and lower by a first labs that the failing trees are destroyed ever below of including bretted of a mail and all of an office building. Several three were partially or complete destroyed everal house trailers. The wind lams of labs to several three trails and south of the failing trees and lightning based power interprities to almost 100,000 customers and several three were without power for several days. The wind gusts also blee over chimneys, like it winders and blew over tens and booths. The one injury occurred when a large tent was blown down. Lightning strikes based unanged and the labs trailers and south of the fail of an defice building. The greatest wind dams gusts of the labs trailers. The wind gusts of the sewer through the sewer and the sewer through the sewer and the sewer through the		roof	torn off	along	with ot	her d	lamagi		1	se portion of the		sta	tje 40 alon	g State	Eighw					
tree links. The failing trees and limb brought down utility lines and damaged automobiles. Eastern Pennsylvania 25 4 PM to 7 PM EDT 0 1 6 0 Wind, Heavy Rain Electrical Violent thunderstorms moved across the southern two-thirds off Eastern Pennsylvania, High wind gusts, 77 PM B at Allentown, caused considerable damage. Innumarable trees were partially or completely below and billed and infinite buildings. The greatest wind damage was in the Lehigh Valley around Allentown off including parting of a ball and all of an office building. Several barns were plown over and falling trees and ightning baused power interuptions to almost 100,000 customers and several thousand telephne custoders lost service. In the Lehigh high Valley, space people were without power for several days. The wind gusts also bleed wore chimneys, then it windows and bleed recent trees and bloom down. Lightning strikes hausded manerous almost fires, but also resulted in a barn being destroyed and a large restaurant burnding down. Two show hopes were destroyed and a large restaurant burnding down. Two show hopes were destroyed and a large restaurant burnding down. Two show hopes were destroyed and a large restaurant burnding down. Two show hopes were destroyed in the barn fires, but also resulted in a barn being destroyed and a large restaurant burnding down. Two show hopes were destroyed in the barn fires, but also resulted in a barn being destroyed and a large restaurant burnding down. Two show hopes were destroyed in the barn fires, but seed to specified in a barn being destroyed and a large restaurant burnding down. Two show hopes were destroyed in the barn fires, but seed to specified to specifyed and a large restaurant burnding down. Two show hopes were destroyed in the barn fires, but were seed to specified to specifyed to specified to specifyed to specified to specified the specified treaks were large enough for a ban to valle through without touching the tracks which has a sample of a short of a short of a short of a short of a short o	tastern Pennsylvania		8 PM ED1	!	ned our				Í		munity,	6 A to	!	i	i	rur	al ar	4 es den	i	ļ
Violent thunderstorms moved acress the southern two-thirds off Eastern Pennsylvania. High wind gusts, 77 MPH at Allentown, caused considerable damage. Innumerable trees were partially or complete- ly blown down or uproted. The trees fell on utility lines, auto- mobiles and fulldings. The greatest wind damage was in the Leibig Valley around Milentown and Betthlent. In this area, quite a few roofs were blown off including portion of a mall and all of an office building. Several house trailers. In eving justs, falling trees and ightning baused power interuptions to almost 100,000 customers and ightning baused power interuptions to almost 100,000 customers and several thouse trailers. The wind justs, falling trees and several thouse trailers in the le- high Valley, spme pepple were without power for several days. The wind gusts also blew over chimneys, blev it windows and blew over tents and booths. The one injury occurred when a large tent was blown down. Lightning strikes baused numerous ninor fires, but also resulted in a barn being destroyed and a large restaurant burding down. Two show horses were destroyed in the barn fire. Heavy rains caused touched down briefly at 2 locations in Eumphreys County damaging trees, gardens, a beth, and a ellenteron vombiles that these touchdows came from the same thunderbrom which had produced tornadoes earlier in Madiso and lenderson Counties. Erin, Houston County In p. Besult transportation to with the same thunderbrom which had produced tornadoes earlier in Madiso and lenderson Counties. Brin, Houston County In p. Besult transport the drainage at as of Wells Creek and an unmand damage in Eria at through trin locaused extensive flash flooding and damage in Eria damage in the deaming the fire damage in the deministic that the several transport of the same thunderbrom which had damage in Eria deministic that the several transport of the same thunderbrom which had to county. A least 79 private and public bridges in the down the flood of the same thunderbrom which had to co		tree	limbs. 1	he fal	ling tr	ees d	nd 1	mbs b	rought 	down utility lines	,	and pro	downing p	over 1: he sam	nes an	tre	es, m wi	This t	brnado	apparently was
Violent thunderstorms moved across the southern two-thirds off Eastern Pennsylvania. High wind gusts, 77 MPH at Allentown, caused considerable damage, I numerable trees were partially or complete- ly blown down or uproted. The trees fell on utility lines, auto- mobiles and juildings. The greatest wind damage was in the Lehigh Valley around Allentown and Bettlehent. In this area, quite a few roofs were blown off including portion of a mall and all of an office building. Several house trailers. The wind gusts, falling trees destroyed several house trailers. The wind gusts, falling trees and lightning saused power interprifies to labost 100,000 customers and several thousand telephne distoders lepts service. In the Le- high Walley, spme pepple were without power for several days. The windigusts also blew over chimneys, they it windows and blew over tents and booths. The one injury odcurred when a large tent was blown down. Lightning strikes baused numerous ninor fires, but also resulted in a barn being districtly and basement flooding and resulted in mydslides ontolosome roads. A large restaurant burding down. Two show horses were destroyed if the barn fire. Heavy rains caused tones down to respect to the same thunder to make the same thunder to make the same thunder to make the same thunder to make the same thunder to make the same thunder to make the same thunder to make the same thunder to make an in Hadisoo and Benderton County Erin, 6 8 a Plash flood 8 Brin, Bouston County Heavy rains over the drainage ateas of Wells Creek and an ummand damage in Bris and throughout Bouston County. A least 73 private and public bridges in the duming the unidal of Eric was passable, but by 7:45 a. It had soon the same thunder to make the same thunder to make a series of the same thunder to make the same thunder to make the same thunder to make the same thunder to make the same thunder to make the same thunder to make the same thunder to make the same thunder to make the same thunder to make the same thunder to make th	Eastern Pennsylvania	25				0	1	6	0		north of McEwen,		1	í		 - 	ief ly	į	ì	İ
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collapsed and smashed the side of a building. The wind and heavy		rest	ry rains c Uted in m	udslid	consider	rable	road	wayar • • •	d base	ment flooding and		lar;	e enough	tor a i	man to t	alk	hrou	gh wit	hout t	ouching the tracks
firmed reports of finner clouds, near Sundary and near Statington.		rair	apsed and collapse	smash bart	of a s	side perm	of a	buildi roof.	ng. 1	he wind and heavy		}		!					ĺ	

															JUNE 146
	4 E	N		TIMATED!				13	Ξ			OF		ATED	
	OCAL PATH	₹ PE	RSONS D	AMAGE	CHARACTER			8_	PATH	{ _	PER	SONS	DAN	MGE	CHARACTER
PLACE	AB P.E.	20 P		:	OF	PLACE		ARD.	ES.	78			Ė		OF
	DATE TIME - LOCAL STANDARD LENGTH OF PATH	WIDTH OF PATH (YARDS)	INJURED	S S	STORM		l m	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YAROS)	KILLED	NJURED	PROPERTY	CROPS	STORM
	DAT TIM STA	를 될	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	CROPS			DATE	ST	ŝ	€	를	3	¥	ð	\
TENNESSEE (a	antinuad) Ï		<u> </u>	1.	! I	TENNESSEE (co	ontin	ned)		 	_	_	<u> </u>	<u> </u>	
TENNESSEE (co	This flood was terr					Springfield,		12:45 p.	1	1		2	4	?	High wind
	in 1968. Residents evacuated. Near th					Robertson County	A 1	 -minute si	orn c	used co	 ns id	erabl	l e dama	j ge and	injured two people
•	Wells Creek, one ho	ope was comp	letely was				One	person was	hit	y a fa	ling	tree	limb,	but a	b report was avail blate glass window
		! !	i				and	blew brick	ke fro	the to	p ed	ge of	a bui	lding	onto cars below.
	Dameige was estimate	14 at \$54111	ipa ia Eri	n and \$3	million in the			fell vic				Dy th	e wind	s. 11	es and power line
Dyer County	6 Noon		,	,	Heavy rains	Pleasant View,	25	1:00 p		!			5	7	High Wind
byer county	1 ! ;	\ . \ \	į į	i	! '	Cheatham County	Į.	i '							j ⁻
	Thurderstorms dumper	nort renorts	d 5.12 inc	hes of a	ain in the 24 hours		win	s destroy	eq a a	en eddi	ion	to th	e plan	t.	damage when high
	landing at nook Sati	urday. Floo	ding was r	eported	in various places	Carthage,	25	2:30 p.	 	1			5		Lightning
	throughout Dyersbur Creek was flooded o bridge, Radio Stat	ine to the d	rainage bo	ttleneck	under a railroad	Smith County	A 1	!	ļ	l less blam	ed f	l Land	fire t	har le	veled a car repair
	flooded its transm		I I	1	AL VIICE WALLE			on downte				r			
Middle and East	6 a. 6 p.	} }	1	,	Heavy rains	Nashville, Davidson County	25	2:42 p.	İ	į] 	High winds
Tenpessee	Henry rains with t	handerstorms	broduced	flash fi	poding in scattered	Section security				59 mile	s an	hour	in a	thunde	rstorm at the
	locations across ti	he eastern t	wo-thirds	of the	tate. The rains		ł	ville Air	port.	į					
	locations scross the senerally came in the flooding of low are 3-to 5-inch range	ess. Rainfa	11 amounts	vere ge	enerally in the	Memphis, Shelby County	25	6:30 p.		İ	 	1		;	Lightaing
	3-to 5-inch range rienced road closi	falling over	short per igh water,	iods. 1	inny areas expe- B, and crop damage.										set under a tree e. Two other
Waverly,	10 2:30 p.	Ţ		1	High winds		pla	yers on th	e chur	ch team	were	knoc	ked do	wa by	the lightning
Humphreys County	1 i i		i i	i	! -		cre	dited with	savi:	g the l	ighta	ing v	ictim	s life	spectator was by administering
		l mobile hom	e on the	west sid	de of Waverly along	TEXAS	mot	th-to-mout	h resu	scitati	on.				i I
	Righway 13, Fourte	een trailers	f their fo	ged and	several on the	NORTHERN				•					
	the wind.				,	Tarrant County	1	4:00 a- 7:00 a	•)	0	0	?	?	Flash Flood
Nashville,	10 3:23 p.		5		High winds		l.		ļ		!	l i		?	Lightning
Davidson County	Winds gusted to 58	miles so ho	ut at the	 Nashvill	a Airport. There		seve	fal stores	l and h	omes in	Sagi	naw a	ind the	Hurst	ding damage to -Euless-Bedford
-	was considerable de Nashville.						area in a	Lightni	ng set	fire t	o and	buri	ed a p	ortion	of the gasoline
				į .		Irving, Dallas County		Morning	 	1		i !		İ.	1
McKinnville and Warren County	10 4:15 p.		2 6	!	High winds	111ing, barras county		1	ļ	i i .	0 	0		í	Lightning
	High winds did cons A young girl suffer was trying to get h	iderable pr ced a broken	operty dam arm when	age and a cree f	injured two people.		unit	in an Ir	t-fire ving a	j destro partmen	ved t t-com	wo ap plex.	artmer	its and	damaged 6 other
	was trying to get h	ome with he	mother.	A man w	ns injured when	Southern Hood County	1	12:57 р	į	ĺ.	 n	0	?	7	Hailstorm
	was heavy to trees	and power 1	ines with	901. of №	cMinnville without	*	Thre	1	inch h	bil f⊝l	in	the I			area, several
	electric service. ings of block const						mile	south of	the t	bwn of	Sranb	ury.	ake GI	anoury	area, severai
Middle and Southeast	10 Afta &		6	١,	High winds, heavy	N of Vermon,	1	8:40 p-			0	0	?	?	Hail, Windstorm,
Tennessee	Ewng		}	i	rain	Wilbarger County		Mdnt			į				and Flash Floodin
	Thurderstorms produ	iced high wi	nds which	cabsed w	ddespread damage		Golf	ball size	hail	and 50 I	MPH W	inds	were r	eporte	d several miles one plane at the
	experienced tree da	ioutheast co mage as wel	unties of	Tennesse structur	al damage. Highest		Vern	in Airporti	was o	vertunr	ed by	thur	derstd	rm win	ds. Flash flood
	winds reported at 5	iashville we	re 58 mile	s jan hou	dr and at Chattanooga		and I	aradise C	reek w	ent out!	of i	ts ba	nks ed	st of	Vernon at 9:20 PM Vernon. Up to
			1,0		11-1-1-1		4 1n	nes of rat	in fel	l Withi	ı sev	eral	hours	within	the Vernon area.
Memphis, Shelby County	19 10:30 a.		19	.1	Lightning	S of Petrolia, Clay County	ր	10:10 p			0	0	?	?	Flash Flood
_	Nineteen constructi	rain cover	ed concret	e slabi	n southeast	'	Flas	flooding	was r	ported	6 im	hes	leep a	cross	Highway 79 south
· 	Memphis. Only one others were treated	of the 19 w	as admitte	d to the	hospital; the		1	trolia.			.		į		_
	slad when a shower	occurred.	After the	rain had	stopped, they	Pittsburg, Camp County		5:15 a			0	0	0	0	Funnel Cloud
	returned to their a	Mississipp	i River an	d imoved	esstward.		The 1	tunnel clo	ıd did	not to	ich d	wn.	į		
Loudon County	22 5:30 p.		5	7	High winds,	7S Linden, Cass County	2	6:10 a		İ	0	0	0	0	Funnel Cloud
				1.	funnel cloud		The f	unnel clo	d diss	ipated	with	ut t	ouchir	g down	
	High winds copped t				unty. Damage was	Harker Heights, Bell County	2	10:00 a			0	0	0	0	Funnel Cloud
		·ucon=fii i i iidi	se Tellico	Lake.	a nearly completed	,	The	unnel clo	ıd did	not to	ich d	own.	l		
	the worst in the Lo	theast acro	444.	autra or	the nouse were	I .	2	2:50 p			o Ì	0	5	0	Windstorm
	the worst in the Lo reported moving nor home collapsed from complete as was the	theast scro the high w roof; howe	ver, the w	indows h	ad not been	Nacogdoches County	 "	P							
	the worst in the Lo reported moving nor home collapsed from complete as was the installed. Signs i	theast acros the high w roof; howe	ver, the w Loudon wer	e destro	yed as were		Scat	ered stra	ight w	ind dama	ige ou	ccuri	ed in	the Na	cogdoches area
	the worst in the Lo reported moving nor home collapsed from complete as was the installed. Signs i several plate glass the Tennessee Divis	theast scroin the high war roof; hower to Downtown a windown.	ver, the w Leudon wer A large bl stry as th	e destro ack oak e larges	yed as were tree, listed with t in the state,		Scat	ered stra astern Na	cogdoc	nes Cour	ity at	s thui	nderst	oms t	cogdoches area raversed the area.
	the Forst in the Lo reported moving nor home collapsed from complete as was the installed. Signs i several plate glass	theast scround the high was roof; hower to Downtown windows.	ver, the w Laudon wer A large bl stry as th ots taking	e destro ack oak e larges	yed as were tree, listed with t in the state,		Scat and o	ered stra astern Na	ogdoc heavi	nes Cour Ly dama	nty a ted al	s thus park	nderst ed aut	orms t omobil	raversed the area.
	the porst in the Lorepurted moving nor home collapsed from complete as was the installed. Signs is everal plate glass the Tennessee Divis split shout 3 feet tank and stand with 22 Late	theast scround the high was roof; hower to Downtown windows.	ver, the w Leudon wer. A large black stry as thoots taking fell.	e destro ack oak e larges	yed as were tree, listed with t in the state, tree and a diesel	Delta, Lamar, and Red	Scat and A to Tree	ered stra astern Na pled tree and power 5:20 a-	ogdoc heavi	nes Cour Ly dama	nty a ted al	s thus park	nderst ed aut	orms t omobil	raversed the area.
Falcon Community, McNairy County	the porst in the Lo reported moving nor home collapsed from complete as was the installed. Signs i several plate glass the Tennessee Divis split about 3 feet tank and stand with	theast scround the high was roof; hower to Downtown windows.	ver, the w Laudon wer A large bl stry as th ots taking	e destro ack oak e larges	yed as were tree, listed with t in the state,	Delta, Lamar, and Red River Counties	Scat and (A to) Tree	ered stra astern Na pled tree and power 5:20 a- 8:00 a	ogdoc heavi line	nes Cou ly dama damage i	ed al	s thus park common	nderst ed aut acros ?	orms tomobil s the	raversed the area. e in Nacogdoches. area. Flash Flood
	the worst in the Lorepurted moving nor home collapsed from complete as was the installed. Signs is everal plate glass the Tennessee Divis split about 3 feet tank and stand with 22 Late aftn A woman was injured	theast scroen the high war of the windows. I windows. I windows. I windows. I windows. I windows. I when it	ver, the w Loudon wer h large bl stry as th ots taking fell.	e destro ack oak e larges ahother tree in	yed as were tree, listed with t in the state, tree and a diesel Lightning her yard. A	Delta, Lamar, and Red River Counties	Scat and (A to) Tree	ered stra astern Na pled tree and power 5:20 a- 8:00 a	ogdoc heavi line	nes Cou ly dama damage i	ed al	s thus park common	nderst ed aut acros ?	orms tomobil s the	raversed the area. e in Nacogdoches. area. Flash Flood
McMairy County	the porst in the Lorepurted moving nor home collapsed from complete as was the installed. Signs i several plate glass the Tennessee Divis split sbout 3 feet tank and stand with 22 Late aftn A woman was injured limb from the tree	theast scroen the high war of the windows. I windows. I windows. I windows. I windows. I windows. I when it	ver, the w Leudon wer. A large bl. stry as th ots taking fell. 1 1 as she wo	e destro ack oak e larges abother tree in rked in	yed as were ree, listed with r in the state, tree and a diesel Lightning her yard, A the garden.	Delts, Lamar, and Red River Counties	Scat and A to Tree 3 Heavy creek	ered stra astern Na pled tree and power 5:20 a- 8:00 a rains of s out of y by 6:45	ogdoc heavi line up to heir AM wi	hes Cour ly dama damage damage d inche anks. th water	es with	park park omnor thin is roads	nderst ed aut acros ? severa were	orms tomobil s the ? I hour under	raversed the area. e in Nacogdoches. area. Flash Flood s forced numerous water in Delta n over Highway 24
McMairy County	the worst in the Lorepurted moving nor home collapsed from complete as was the installed. Signs is everal plate glass the Tennessee Divis split about 3 feet tank and stand with 22 Late aftn A woman was injured	theast scroen the high war of the windows. I windows. I windows. I windows. I windows. I windows. I when it	ver, the w Loudon wer h large bl stry as th ots taking fell.	e destro ack oak e larges abother tree in rked in	yed as were tree, listed with t in the state, tree and a diesel Lightning her yard. A	Delta, Lamar, and Red River Counties	Scat and A to Tree 3 Heavy creel Count north	ered stra astern Na pled tree and power 5:20 a- 8:00 a rains of s out of y by 6:45	ogdoc heavi line up to heir AM wi	hes Cou ly dama damage 4 inche anks. th water	es will Most	s thus park park omnor thin s roads ortedicreet	nderst ed aut acros ? severa were	orms tomobil s the ? I hour under	raversed the area. e in Nacogdoches. area. Flash Flood s forced numerous water in Delta
McMsiry County	the porst in the Le reported moving not home collapsed from complete as west the installed. Signs is several plate glass the Tennessee Ovini split shout 3 feet tank and stand with 22 Late aftn A woman was injured limb from the tree 22 Evening Heavy rains produce	cheast error rote high w roof; hower to Downtown : windows . windows . roo of Fore from the ror it when it	ver, the w Laudon wer. A large bl stry es th ots taking fell. 1 ning hit a as shh wo	e destro BCk oek e larges ahother tree in rked in	yed as were tree, listed with t in the state, tree and a diesel Lightning her yard. A the garden. Heavy rains ville. A retired	Delta, Lamar, and Red River Counties	Scat and A to Tree 3 Heavy creek Count north	ered stra astern Na pled tree and power 5:20 a- 8:00 a rains of s out of y by 6:45 of Cooper	ogdoc heavi line up to heir AM wi	hes Cou ly dama damage 4 inche anks. th water	es will Most	s thus park park omnor thin s roads ortedicreet	nderst ed aut acros ? severa were	orms tomobils the	raversed the area. e in Nacogdoches. area. Flash Flood s forced numerous water in Delta p over Highway 24 s reported in the
McMsiry County	the porst in the Lorepurted moving nor home collapsed from complete as was the installed. Signs i several plate glass the Tennessee Divis split sbout 3 feet tank and stand with 22 Late aftn A woman was injured limb from the tree 22 Evening Heavy rains produce weatherman reported The rains caused ff	cheast acrow the state of the high w roof; hower to country or pou	wer, the wendon wer had large blacking blacking fell. 1 1 ang hit a as she wo	e destro ack oek e larges shother tree in tree in rked in ? in Mary n the Fa	yed as were tree, listed with t in the state, tree and a diesel Lightning her yard. A the garden. Heavy rains wille. A retired inview community, some cars were	Delts, Lamar, and Red River Counties	Scat and A to Tree 3 Heavy creek Count north Detro	ered stra astern Na pled tree and power 5:20 a- 8:00 a rains of s out of y by 6:45 of Cooper it area of	up to heari line up to heir AM wi Red	hes Cou ly damage damage of 4 inche sanks. th water usiderate kiver Co	oty as de al vas ches will be seen will be seen will be seen will be seen will be seen with the seen will be seen will be seen with the seen will be seen with the seen will be seen will be seen with the seen will be seen with the seen will be seen with the seen will be seen with the seen will be seen with the seen will be seen will be seen with the seen will be seen win	s thus park park thin s reads reads	nderst ed aut acros ? severa s were ly waid flood	orms tomobils the	raversed the area. e in Nacogdoches. area. Flash Flood s forced numerous water in Delta n over Highway 24
McMsiry County	the porst in the Le reported moving nor home collapsed from complete as was the installed. Signs i several plate glass the Tennessee Divis split about 3 feet tank and stand with 22 Late aftn A wdman was idjured limb from the tree 22 Evening Heavy rains produce weatherman reported	theast derou iche high we roof; hower powntewn windows, ion of Fore from the ro it when it then ight fell on her delion her delion her delion her delion her delion her delion her	wer, the wendon wer had large blacking blacking fell. 1 1 ang hit a as she wo	e destro ack oek e larges shother tree in tree in rked in ? in Mary n the Fa	yed as were tree, listed with t in the state, tree and a diesel Lightning her yard. A the garden. Heavy rains wille. A retired inview community, some cars were	Delta, Lamar, and Red River Counties	Scat and a A top Tree 3 Heavy Creek Count north Detro	ered stra lastern Na, pled tree and power 5:20 a- 8:00 a rains of sout of y by 6:45 of Cooper it area of 7:55 a	up to heari line up to heir AM wi Red	hes Cou ly damage damage of 4 inche sanks. th water usiderate kiver Co	es will es will es will es will le st unty.	thin served	ndersted aut acros ? severa s were ly wait flood	orms tomobils the	raversed the area. e in Nacogdoches. area. Flash Flood s forced numerous water in Delta p over Highway 24 5 reported in the Funnel Cloud
Maryville,	the porst in the Le reported moving no home collapsed from complete as was the installed. Signs i several plate glass the Tennessee Divis split about 3 feet tank and stand with 22 Late aftn A woman was idjured limb from the tree 22 Evening Heavy rains produce weatherman reported The rains caused fipartly submerged.	theast derou iche high we roof; hower powntewn windows, ion of Fore from the ro it when it then ight fell on her delion her delion her delion her delion her delion her delion her	wer, the wendon wer had large blacking blacking fell. 1 1 ang hit a as she wo	e destro ack oek e larges shother tree in tree in rked in ? in Mary n the Fa	yed as were tree, listed with t in the state, tree and a diesel Lightning her yard. A the garden. Heavy rains wille. A retired inview community, some cars were	Delta, Lamar, and Red River Counties 10N Tyler, Smith County Clifton, Bosque County	Scattand A top Tree 3 Heavy creel Count morth Detro	ered stral astern Na pled tree and power 5:20 a- 8:00 a rains of s out of y by 6:45 of Coope it area of 7:55 a unnel clo	up to heavi line up to heir AM wi Red	nes Cou ly dama damage i 4 inche panks. th water siderat River Co	es with Most report le stunty.	thin street	ndersted aut acros ? severa s were ly wait flood 0	orms tomobil s the ? ? I hour unden st-deeting was	raversed the area. e in Nacogdoches. area. Flash Flood s forced numerous water in Delta p over Highway 24 5 reported in the

DINE 1081

		CAL	РАТН	Ē		OF SONS		ATED†				CAL	РАТН	Ē	NO. PER			ATED†	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	מורפס	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
TEXAS (continu	ed)	į			į	-	į			TEXAS (continu	ed)								
NORTHERN Wichita County	3 3	12:30 p			0	0	?	?	Flash Flood	NORTHERN Lake Livngston,	6	5:00 p	ļ i	i	1 1	1	0	0	Lightning
	Beave Flood	r Creek, stage in	outh o	f Elect	ra, i	rent (out of	its b	anks and above	Trinity County	Ligh	ning stru tly injur	l kkab linga	bat on become	Lake	Livii Livii	gston	killi escar	ng one man and ed injury.
Southern Hamilton		1:15 p	respon	BC 10 1	0	0	?	? ?	Flash Flood	Brookeland,	_	7:55 p	1	Narrow	! !	0	?	?	Tornado
County	Flash	flood wat	lers in	southe	rn H	milto	n Cou	nty se	nt several creeks	Sabine County	A to:	nado touc	hed do	wn brie	£1y,	caus	ing tr	e dama	ge at Brookeland
		t their ba			urai	ary t	ater	crossi I	ngs were reportedly	Athens, Henderson County	10	4:30 p	Short	Narrow	0	0	4	0	Tornado
Knox and Baylor Counties		1:40 p~ 1:45 p	 		0	0	0	0	Funnel Clouds		The :	unnel app	prentl	y brief	lly to	luche	down	unro	inutes over Ather fing one home and
	Funne westi	1 clouds w of Lake K	vere re	ported adjace	in ea ht Ba	steri ylor i	Knox	Count at 1	y at 1:40 PM and 45 PM.	1E Easton, Gregg	-	ting seve	ral tr	lees on I	the s	lanne p 0	roper	ty. I I ?	Tornado
				- 	i			İ		County			uched	down on			1	`	ast of Easton.
Henderson County	1	1:48 p 4 inches	i lof ra	i I in in t	j0 heTr	0 inida	? dand	j? Malako	Flash Flood ff areas resulted	Mexia, Limestone	ŀ	8:05 p	 		0	0	?	?	Flash Flood
	in n	ral flash 4 to 5 f	flood	ing. A	t 1:5	0 PM	High	ay 31	at Trinidad was	County	The t	l Mexia Fire Extent of	Depar	tment r	eport knd	ed fi	ash f	ooding	in Mexia.
Smith County			Short	Narrow	0	0	0	0	Tornado	Bell County		Evening	 	""25 	0	0	?	2	Flash Flood
		4:00 p 55 PM. a	tornad	o touch	"	!		1	Flash Flooding I miles south of		Flas	flooding	cause	i minor	dama	ge i	the	l Temple	area. State
	Tyle:		rains						ing of rural roads		of f	ay 95, So ash flood	water	rempre s.	anu	lear	l Loria	nu, was 	closed because
NW of Iowa Park, Wichita County	3	2:00 p	İ		0	0	0	0	Funnel Cloud	S of Nolanville, Bell County	1	6:30 p		 .	1	0	?	?	Flash Flood
wichita county	The :	unnel clo	ud did	not to	ich d	own.		į			For in B	the second	conse	putive pur yea Liftoode	play, prole Holou	heav gir	rain Iwas do ov	s led 1 killed er Nola	o flash flooding when her mother n Creek south of
McLennan County		Aftn.	ļ !		0	0	?	?	Flash Flood		No1a woma	hville. D h attempte	espite H to d	a gate Five th	acro le car	tss the	le roa ough f	d and a pur fee	warning sign, to t of water. The
	McLei Tehu	nan Count	sent v. Te	reeks n peopl	e wer	e sav	ir bai ed in iled to	a drar	oss northern atic rescue along y from on top of		woma	and a co car after	mpanio	h escap	ed, b	ut ti	e dau	ghter v	as swept away wi
	thei	stalled	car.	İ	 		i i	į	I	Southern Dallas County	15	3:30 р			0	0	?	?	Windstorm
20 N Abilene, Jones County		5:30 p	?	?	[0 [j 0 L	0 	0	Tornado		Stro tion	ng thunder s of south	storm ern Da	winds c Alas Co	hused unty,	min inc	r dam uding	age over	r scattered sec- Dallas.
	of Al	ilene. T	ed a t he tor	prnacco hado ap l	paren	ppen kly t	ouche	ryabo≀ ofdown i	t 20 miles north between Anson and	Abilene, Taylor County	15	4:00 p			0	0	4	0	Lightning
Lake Hubbard area,	ĺ	5:30 p		! !	0	0	0	[0	Funnel Cloud	,		ning stru Air Ford			a fi	re t	an o	1 sto	age tank near
Stephens County	The :	unnel clo	ud did	not to	uch d	bwn.	į Į	ļ		10 NE Greenville, Hunt County	15	I !4:45 p			0	0	0	0	Funnel Cloud
Southeastern Panola County	3	6:00 p	1	! }	0	0	?	?	Windstorm	nume county	The	funnel clo	id did	not to	uch d	own,	ļ	 	
		ig thunder leastern P				tree	and	power:	line damage in	Denton, Denton	15	Aftn	į		0	0	?	?	Windstorm
Rochelle, Brady	3	! 6:20 p 8:30 p			0	0	?	?	Hail, Wind, and Flash Flooding		roof	derstorm w in a 9-b	ntnds d lock a	lamaged Irea nea	r dow	, po	erlin Dent	es, and on.	several buildin
	Marb	 e hail ar	d high	thunde	rsto	† †n wir	ds mo	wed th	l lough Rochelle at	Lake Lewisville, Denton County		6:00 p	ļ !		0	3	0	0	Lightning
		PM, Heav e Rochell						and ci	y roads and bridges		inju	ting two c	ff the	players	and	ithe (doach.	One o	softball game, If the injured Preceiving minor
Jones County		8:00 p- 9:00 p	ļ			ļ			Flash Flooding		inju	ties. The	coach	also r	eceiv	ed o	dly mi	or in	uries. A thun- g when the light
	Go1f	ball size	hail	fell ir	the	Ansor	area	at 8	M. Flash Flooding	6 SW Hamilton and 9	ning	struck.		l I		ļ		1]
	dama,	grea on mo ge in the	Anson	area.	i iu se	nes (iounty 	Lreek	, causing minor	NW Hamilton, Hamilton County	15	6:50 p 7:05 p	Short	Narrow Narrow	Ö	0	?	? ? 	Tornado Tornado
Florence, Bell County		Aftn	l		1	0	?	?	Flash Flood	,	6:40	PM and 9	miles	horthwe	ist of	town	njat 7	05 PM	of Hamilton at In both cases,
	A Fo	residents ttempted	oldier of ri	prowned sing fl and the	llin M Ash f	lood	n Cre water	ek as l slaton tors	e attempted to the creek. The		wind:	were upr or a sma or was des	ll tor	nado se	er da Veral	mage mil	occur s sou	ted from	m either straigh kamilton where
Titus County		Aftn	100	i che	0	0	?	?	Flash Flood		1	7:05 p	i I	† 	0	0	0	0	Funnel Cloud
•			l bf rai	n cause	d fla	sh f]	oodin;	g in r	ral areas of Titus	County	The	unnel clo	l ud did	not to	uch d	own.		 	
Southern Collin and	Coun 5	¶у. 9:15 а-	}	ļ	0	l 0	 ?	\ •	Urban and Flash	Keane, Johnson	15	7:30 p-	İ	į	0	0	?	?	Windstorm
northern Dallas Cos.		12:30 p		 	İ	į	ļ	İ	Flooding	County	Thun	 derstorm v inches of	inds o	aused n	inor Rio	dama Vist	e in	and ne	ar Keane. Over
	damag	e in Plan	þ, Gar	land, R	Lchar	ilson,	and I	Dallas	me and automobile The damage was	Bosque and Hill	15-	8:30 p-			0	0	5	5	Flash Flood
Springtown, Parker	I	8:10 a	 	. stree	0	0	g ris:	ing in	o a number of homes! Flash Flood	Counties		3:00 a	l l l of m	 	l l l in 1	l the ^	lifter	larea	 bf Bosque County
County	Heavy	rains re	sulted	in fla	sh fl	ł	! 	!	building damage in										
Southern Panola		igtown. Evening	1	!	i 0	0	i ?		 Windstorm		20 y nort	ears. At n Clifton,	least near	20 fami the Bos	lies que	were iver	force Sev	d to f	ee their homes i mes and business
County	1	j -	torm	 vinds u	i	İ	Ì	ì	in rural areas	,	were agri	damaged i bultural a bugh most	n Clif and liv	ton and estock	rand damag	ners e be	iand f tween	armers Valley	the worst in the worst in the their homes in mes and business, reported heavy Mills and Clifton to 7 inches, on
	hear		One ho	ne repo					roof damage when		unof	Ficial rep	ort o	over 1	2 inc	hes	vas re	ceived	from near Clifton
				1	-	1		1							į		-	į	

																			JUNE 1981
		-1	Ξ			. OF		ATED†	1		ŀ	1 4	E			. OF		ATED	
		TIME - LOCAL STANDARD	PATH	WIDTH OF PATH (YARDS)	PER	SONS	DAA	MGE	ļ			TIME - LOCAL STANDARD	PATH	WIDTH OF PATH (YARDS)	PER	SONS	DAA	MGE	
PLACE		1.8	LENGTH OF (MILES)	7 S			-		CHARACTER OF	PLACE		± 5	LENGTH OF !	5.00		ł	- ا		CHARACTER OF
]	L É	표를	₽¥ O¥	l e	₽.	PROPERTY	- v	STORM		١	20	도록	¥ 0	e	Ē	PROPERTY	ري	STORM
	DATE	E E	N. C.	۵,	KILLED	INJURED	စ္ခ	CROPS			DATE	TAT	N.	10	KILLED	NJURED	2	CROPS	j j
		H W	L <u></u>	*				٥			۵	F-10		*		<u> </u>		L <u>°</u>	
TEXAS (continu	ed)]	ĺ	ĺ	!	!!	! ;		!	TEXAS (continu	ed)	: !				<u> </u>	: :		i
NORTHERN	ĺ	! 								WESTERN		į i				ļ	į į		
McLennan County	16	Mdnt- Noon	Ì	i	0	0	?	?	Flooding	Collingsworth, Childress Counties	I i	5:15p			0	0	5	7	Hail, Flood
		Moon			į					Quail, Collingsworth	1	_	į			!	i	!!	
	Flas	h flooding	cause	d some	home	dama	ge in	the Bo	queville area. used further damage	County Fresno, Collingsworth		5:20p	.3	20	0	0	j 0	0	Tornado
	in M	Lennan Co	unty.	l	13 411	103	de Ki	1013 C	ingen rurater damage	County		5:30p	6	50	0	0	5	0	Tornado
Lott, Falls County	16	Morning	i		0	0	4	0	Flash Flood		A la	l kae multi-	storm	complex	for	ted o	l Verth	e Souti	Central portion
, , , , , , , , , , , , , , , , , , , ,		i	¦		i	1			i		of t	ne Panhand	le abo	ut 12:4	5 р.г	an	bega	drif	ing slowly eastward p.m. it began
	F100	d waters v	ashed	out a c	jounty	i I	brid	ge nea	r Lott.		AS 1	t entered	COLLLI Ispread	gsworth Ismall	bail	ldriv	ast be en by	tore 5	p.m. it began winds. The hail
San Augustine, San Augustine County	23	3:45 p			0	. 0	?	?	Windstorm		caus	ed conside	rable	damage	over	the	southe	n por	p.m. it began winds. The hail ion of Collings- cies. Nearly 30 proyed, with a rst hail damage the County Line the storms also lington with water Between 2 and 4
Augustine county	Thun	derstorm v	inds d	amaged	roofs	and	broke	windo	vs to several		perc	pand the ent of the	wheat	in the	two	coun	µares ties w	us desi	royed, with a
	buil	lings in S	San Aug	ustine.					:		larg	e amount o	f the	cotton	also	dama	¢ed.	the wo	rst hail damage
Joaquin and Tenaha,	23	4:25 p-			0	0	?	?	Windstorm and		and	eastward t	o the	State I	ine.	Hea	y rai	n firom	the storms also
Shelby County		4:35 p				į	· .		Funnel Cloud		caus	ed floodin	g of F	.м. 338 н 203	east	and	west	pf Well	lington with water Between 2 and 4
									winds in the		1	s of rair	·				~~~~	,	Decineer 2 and 1
		ha at 4:35		reas.	A TUZ	pneı ç	:10ua }	was si	nted near		A sar	all tornad	lowas	produce	d by	the	storm	system	as it passed by
Woods, Panola County	l i	4:50 p	j	i	0	0	?	?	Windstorm		Quai	about 5	20 p.n	. The	torn	do t	quehed	down	nly briefly just
		·	}	 , ,		1		i i			open	or Quail.	Asec	amage w ond, la	as re irger	port	epotas npone d	rne to: evasta	nly briefly just mado occurred over ing tornado
		r tree and Woods comm		line d	nmage 	occu	rred	rom st	rong winds in		geve	tobed apol	tt 5:30	p.m.]	ust s	30utn	lor we	Hingto	n near rresno. it
TEXAS					į			ļ ļ			nort	hern part	of Fre	sno, ta	jesno, Kring	door	s off	eastwo puildi	rd across the gs, pulling trees
SOUTHERN			NO D	ATA RE	CEIV	/ED		į į			out	of the gra	und ar	d doing	cons	ider	able m	bof and	window damage.
İ						l			İ		syst	em betweer	Frest	o and I	odsor	and	final	ly dis	d an irrigation ipated after
TEXAS		 		į	.						dest	roying a b	arn wa	ll in I	odsor	1.		ł	
WESTERN	١, ١		IL TIM	ESINC			•	j , j	27-13-1	Lubbock, Lubbock	١.		1		١.	١.			
Earth, Lamb County	1	1:40p	ļ		0	0	3	! !	Hailstorm	County	1	6:12p	İ		0	1	į 0	0	Lightning
	Heav	y rain and	golfb vil De	all-siz	ed ha	il we	re ob:	erved	briefly just West was pea sized and		A yo	ting woman	was st	ruck by	ligh	itnin	at a	City I	ark while we the right
a a	litt	le damage	was re	ported	to cr	ops c	rto	roper	y.		shoo	lder near	her ne	ck, pas	sing	righ	t to 1	eft th	rough her body, and
Memphis, Hall County	1	3:45p			0	0	3	0	Hailstorm, Flood		exit	ped on the	left s	ide. H	er w	lm-u	þ suit	was to	orn in several ded. The woman was
			İ					!!			lift	ed nearly	2 feet	in the	air	by t	he for	te of	the strike. A
	rain	and large	hail	just to	the	west	of Mer	phis.	over 2.5 inches Over 0.5. 87 as		qave	by observe her immed	r, who	jwas tr ttentic	taineo In and	lin lis	cardio credit	pulmot ed with	hary resuscitation, h having saved her
	of r	ain fell i	naon	e-hour	peric	d, f	ooding	port.	ions of U.S. 87 as Golfball-sized		life	After s	everal	days r	ecup	rati	n in	loca	hospital the
	hail	was repor	ted ju	st west	of N	iemphi	s. M	nor p	roperty damage was		1	g woman wa	is rem	asea.					
1	repo	rted as wi	ndows	in home	samo	cars	were	broke	ì.	Paducah, Cottle County	1	9:40p	small	narrow	0	0	j o	0	Tornado
Pampa, Gray County	1	4:00p			0	1	0	0	Lightning		Asπ	all tornad	o was	reporte	d by	a ra	hcher	mile	s south of Paducah
<u> </u>	A 13	year old	boyre	oeived	first	and	secon	l degr	e burns over			ng to the Ely in ope							couched down only
	30 p	ercent of	his bd	dy wher	a 1	ghtni	ng st	rike i	mited fumes from			!			ļ į	i	!	į į	
	hosp	ital treat	ment l	e was r	eleas	ed.	The.	Arcer	mited fumes from several days of	Moore County	2	4:50p	! 		0	0	0	0	Funnels
Lynn, Dawson Counties	1	4:40p		į	0	0	5	1	Hailstorm, Flood		Seve	ral short-	lived	funnels	were	sig	nted n	orthwe	st of Sunray by red by reports
		i -		j		i		i	·		from	Cactus an	d Ette	r. All	fun	els v	vere m	ving	to the east at
	prod	ry neavy q ucing larg	nuncer je hail	about	n ∾oa 4:40	p.m.	ntral High	wind	n County began and heavy rain were		10 π	ph. I				į			.
	also	reported	in the	storm	by th	e o't	onnel	l Fire	Department. The	Dumas, Moore County	2	5:00p	small	narrow	0	0	١٥	0	Tornado
	from	10 miles	west t	o 25 mi	les e	ast q	f O'D	onnell	was a strip running and 3 miles either		A to	mado was i	 sighte	 dasit	toud	l bhedio	lown n	bar Dur	as. The tornado
1	side	of the li	ne. T	he hail s with	cove drift	red (he gr	ound to	a depth of 4 as deep as 18		disa	ppeared qui	lickly !	after i	t to	iched	It t	vas mo	ring to the east
1	inch	es. Over	50,000	acres	of α	tton	were	lestro	red by the hail and			¦				,			
	thei	D'Donnell	area w	ith son	e 25	motot	ists	left si	37 was flooded in cranded for nearly	Sunray, Moore County	2	5:00p	small	narrow	0	0	0	0	Tornado
	an h	our. Some	power	lines	were	also	repor	ted dow	n due to the storm,	-	A SIT	all tornad	o was	sighted	as i	t to	uched	lown b	riefly near Sumray.
Monahans, Ward County	1	4:45p			0	0	0	0	3 Funnels		It w	tornado od as moving	currec	n opq rdat I	µ1 000. 10 mph	intry I.	iand c	Bused 1	o known damage.
İ	A se	vere thund	erstor	m movin	a fre	m ins	t west	t of M	onahans to just west	Moreo Haneford						Ì			
	of t	ne City pr	oduced	a brid	f but	st of	pea-	sized f	mail north of	Morse, Hansford County	2	5:20p			0	0	0	0	Funnels
	Mona	hans. The	trond:	c, in M	onana	ms, a	ilso r	eporte	a small funnel in by a pair of small		A	all fimne	was	bserned	5	100	west a	F Mores	moving to the
Momnhie Rall Carret	funn	els. All	disapp	eared q	uick1	y.					east	at 10 mph	. It	was sho	rt-Li	ved.	Agn	oup of	small funnels was
Memphis, Hall County	l i	_	.5	1	!!	o j		!!	Tornado		also	reported	in Sou	thweste	rn Ha	nsfo:	rd Cou	nty at	5:45 p.m.
	A sm	all tornad	o was	sighted	by t	he Me	mphis	Polic	Department	Amarillo, Potter		6.30			,	į ,	į , ¦		
	occu	rring in g	west c eneral	t mempo ly open	ns.	The titry a	ornadi Indicai	h was 1	very short-lived, no known damage.	County	2	6:38p 			0	0	0	0	Funnel
	It w	s moving	toward	the ea	st at	15	ph.	[]			A fu	nnel was s	lighted	near t	he Pa	ntex	Plant	on U.S	. 60 just north-
		į				}		!			i	of Amaril		1	i.	ssip	eted a	ter 2	minutes.
										Lakeview, Hall County	2	8:50p	small	narrow	0	0	4	0	Tornado, Hail
					l i						A sm	11 tornad	o stru	ck near	Lake	view	The	tornad	o was preceded by
						İ				1	brie	theavy ra	in and	golfba	[[]- si	zed t	hail.	The ha	il was reported to ge was caused by
				ļ		į	i	·		<u>l</u> .	the	short-live	d torm	ado.			·		J J
			ļ	! !			į			Wellington,	١.								
			į	į	į	į	ļ	į		Collingsworth County	2	9:00p	1	40	0	0	4	5	Tornado, Flood
	İ	ļ	į	į	ļ	į		į	j		A to	mado was	produc	ed by a	heav	y th	inderst	orm 15	miles west of
	ļ	ł	1		ŀ	ļ	1	ļ			floo	ington. T led cotton	he ton	nado wa s east l	s acd bf to	ompar wn ca	nied by Susing	2.5 1 heavv	nches of rain that damage. Minor
		-	-	-			į	ŀ			dama	e to crop	s was	caused	by th	e to	nado.		
															,	,			

	ı :	,			1				, ,				T						JUNE 1981
	i.	COCAL	F PATH	PATH		OF SONS		ATED1	CHARACTER			COCAL	. РАТН	ATH ()		OF SONS		ATED*	CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
TEXAS (continu	ed)		İ					İ		TEXAS (continu	ed)			_					
Mobeetie, Wheeler County	2] 9:30p	i		0		0		Funnel	WESTERN Carlsbad, Tom Green County	4	 1:15a			0	0	0	0	Windstorm
	11	opnel was s	 ighted	by the		l i		1		-	A stu	ong thund	erston	n produ	ced h	eavy	rain a	ınd wir	ds gusting to
	shor	t-lived an			ch đơ	wn.		ĺ				h near Ca es. Pea-							n less than 30 rm.
Lynn, Dawson Counties Welch, Dawson County						g eas		0 along	Hail, Flood Lightning the Lynn-Dawson	Carson, Armstrong Counties		9:30p 9:50p 9:59p	.5	30	0 0 0	0 0 0	0	0	Tornado Funnel Funnel
	acro	ss southwe	stern	Lynn Co	unty	and n	orthe:	n Daws	ball-sized hail on County. The		A son	 thwest to eastward	north	east or he Cent	iente ral A	d lir anhar	te of t	hunder	storms moved .m. As the line
	near	ly \$2,000,	000 wa	rth of	damac	e was	cause	ed to d	mnell where ars and homes. As were also		appro	bached Pan	handle	, in Ca	rson l	Count	y, a s	small t	ornado was 6 miles west of
	repo	ated to ha	ve bee	n downe	ll by	the s	torm t	vith sl	ort-lived power s in the two-		the o	ity near	tr.s. d). The	tom	ado v	as mot	ring to	ward the southeast age. A funnel was
	coun	ty area.	An est hail a	imated nd by t	\$3,00 he he	0,000	to \$	1,000,0	00 damage was companied the		1ate	r observed	near	Claude,	¦in F	mst	trong C	ounty,	as the line of miles southwest of
	stor	nh. Approx	imatel	v half!	the c	rop d	amage	lwas da	e to hail with the n one and three storm.		Ske1		Carso	n Count	y, as	the	storm	line (continued south-
	l i	i i	i	i i	i	i i		:	1 !	Amarillo, Potter		 	İ						
	1400	barrels o	f oil	were lo	jst dù	e to∣	fire i	and a at the	house near Welch. tank with a cost	County	!	11:30p	breto	m 1774-21.	0	0 bur	0 Et of s	!!	Windstorm nat gusted to
Hockley County	1	nhated at b 6:50p	etween I	\$30,00 	pano 0	\$40) 0	3	 0	Lightning		53 m	ph at the	Amaril	lo Tern	inal	and i	vas es	timate	at 60 to 70 mph reported
		7:10p 8:25p			0	0	3	j 0	Hailstorm Furnel	Levelland, Hockley				J. 131			l call	 	
Brownfield, Terry County		8:30p 8:30p	2	40	0	0	4	0	Tornado Hailstorm	County		11:55a			i 0 j		0	i i	Windstorm
2									oped across			understor lland Air							58 mph at the
	the	southeast	at 15	mph. A	s it	enter	red Ho	¢kley (an moving toward County, lightning	Stratford, Sherman County	22	i 1 17:40p			0	0	 ?	?	Hailstorm
	Sunc	ipwn. Only	minor	damage	OCCI	urred	Sho	rtly a	prthwest of fterward, hail as pf Sundown. The	Councy		i	i Domail	ned a b			i	[]	ll-sized hail near
	hai]	was short	-lived	andca	tused	only!	minor	damag	to crops in the		Stra		e dura	tion wa	s ve				prmation was
	proc	bood a sho poling to r	rt-liv eports	ed funn from t	el 10 he p	mile blic	s eas The	t-souti te was	heast of Ropesville no touchdown. The	Amarillo, Potter									
	stor	n continue	d sout	heastwa	rd ac	ross	most .	of Ter	y County where it	County		1:00p			0	,	0		Hailstorm
	powe	pk just no pr lines an	rth of d cabl	Brownf e TV li	ield nes.	The	ng a front	porch	fa barn, destroying of a house was two dumpsters s reported in		of A stor	marillo fo	ill-siz or abou	ed hail t 15 mi	str. nutes	ck ti	ne sou p dama	th and ge was	southwest portions reported in the
	were	n upon u ∤also dama hfield. S	ged. outh a	Pear to	mari	ple-si Brownt	zed h	erano ailwa Targe l	s reported in hail, high wind and	Panhandle, Carson	SWI	i !							
	heav	y rain wer	e prod	uced by	the	ston	ı. Se	veral	streets in the	County	30	2:45p			0	0	0	0	Funnels
	of c	otton and	damage	d anoti	er 30	,000	acres	Bet	yed 90,000 acres ween 1 and 2 inches										northeast of not touch down.
	barr	roof and	3 home	s were	dama	ed a	ong w	ith hu	n addition, a dreds of autos and	UTAH			I NONE	REPOR	TED I				
		otton gin a							imated to be near	VERMONT									
Lubbock County	3	8:43p 8:57p	?	?		0	0		Possible Tornado Funnel	RUTLAND	16	5P - 7P		,	0	0	6	0	THUNDERSTORMS
		9:15p 9:38p	?	?	0	0	0	0	Funnel Possible Tornado		VER'	HEAVY RA	IN, UP	TO SIX	INCE	ES, C	AUSED	FLASH	FLOODING FROM
									m the northwest		OVE	FLOWED, F	LOODIN TWO BR	G ABOUT	TWO	DOZEN	HOMES	, WASE	SMALLER STREAMS, ED SEVERAL ROADS ST ONE DOG AND
	firs	t report o	fato	rnado o	ame :	from t	he pu	blic 8	tornadoes. The		SEVI FIR	RAL CATTL	E. LI Y-FIVE	GHTNING FAMILI	ALSO ES WE	STRI RE EV	CK SEV	ERAL E	ST ONE DOG AND OMES CAUSING MINOR TO THE FLOODING.
	be d	confirmed b	y spot	iters.	Funn	ls w	ere si	ghted	tast but could not shortly afterward Safety Personnel	VIRGINIA Southwestern	4			i i	0	0	5	0	Rain
)	fire	st at the i	interse	ction o	if So	ith Id	юр 28	9 and∘	Quaker, in Lubbock, ed tornado was		Upwa	rds of 3 i	nches	of rain	fell	in	 section	s of I	ynchburg and in
	agai		med an						82nd Street and		with	up to the	ee fee	t of wa	ter 1	n pl	ces, 1	rith a	mads were covered number of base-
Tahoka, Lynn County	3	8:50p	İ			0	3		Hail, Flood		Mari	on, with i	loodin	g of so	me ho	mes :	in low-	lying	road occurred in areas. Total dam-
		8:55p	l Leton	· 30 	0	0	0 hobote	0	Tornado	Southeastern	6-7	8:00 p-		40	0			!!	Rain
	prod	woed gener	⊨ 1.3 t	p 5 inc	h rai	nsa¢	ross ·	the Cer	ross Lynn County tral Portion of d in the storm.		Over	1:00 a	of ras	n rem	l l ted 1	n Ne	mort '		a weak low pres-
	At 8	55 p.m.,	a smal	l torna	do wa	s sid	hted 1	by Depa	prtment of Public prt was relayed by		sure Many	center mo	ved ea ere fl	stward ooded,	but d	f th	lower	Miss	ssippi Valley. oton-Norfolk area.
	an A	nhateur Rad 1e damage	io Spo was do	itter. ne by t	The to	ornad rnado	o was	moving the co	to the east.	Mantelmanista	Dama	ge around						 	
Knann, Commer Commer-		wind-drive	İ	ļ		! !		!		Martinsville area	10 Ligh	6:00 p I	l l	ome 1-	l Mart (0 new1	4 10 e	;	Lightning, Wind
Knapp, Scurry County	3 A to	10:00p	l.5 bbserv	l30 l edb∨a	Skv	! !	0 potte	ļ.	Tornado southwest of Knapp		who '	vas appare	ntly s	leeping	insi	de at	ccumb	d befo	it on fire. A man re he could be trees or branches
	movi		east a	է 15 աջ	ո. դ	he to			ed over open		crus	hing one s at near	nd cau	sing mi	nor d	amage	to ti	pe othe	r. Damage was esti-
Fisher County	1.	11:00p			0	i !	?	?	Flash Flood	Shenandoah and	13	4:00 p	- , - ,		٥	0	4	3	Rain, Wind
	Heav	rains ac				em F	isher	County	produced a rapid	Frederick Counties	Seve	e thunder	storm	brought	3 to	4 1r	ches	of rain	in less than one
	floo	d was very	short	-lived	and d				ensuing flash . No information		vici:	pity of Le	banon	Church	Some	crop	s were	also	especially in the flattened and wind
1	was	available	dS to	uarrages I	i *	ļ		i,) 1			d trees d \$10,000 t			nge a	nd ve	nicle	. Dame	ge assessed at

PLACE		XCA1	PATH	₹		. OF		IATED† AAGE	1			I K	PATH	Ŧ		OF SONS		ATED¹ IAGE	l
PLACE			ı –	∢_		$\overline{}$	-	_	1 011010700			8	۰	₹_	_	_		1	CHARACTER
Lace	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
VIRGINIA (conti			í			ĺ	_	ĺ.		WEST VIRGINI			- [2 1	Flash
ichmond and Surrous- ding Counties		1	i !	ļ !	1	i '		1	Wind, Rain, Hail	Webster county	10	midn - i 6am			0	,	6	i ' i	Flooding
	many	streets 1	o be t	locked	by h	igh w	ater o	fall	round 40 mph caused en trees. Power out in was electrocuted		Sev	ere flas	h flo	oding	occu rain	rred	alor	g the	Williams illiams River
	late	r in the e	vening	when h	e tou	ched	a liv	wire caused	while he was garden damage,		Mon	southern bngahela	Webs	ter co onal F	unty ores	t of	nis i nume	rous	campgrounds,
	whil a se	e fallen t	rees d	amaged e. Dama	quite	a f 100,	waut	mobil \$300,	es and one caved in		mos Min	tly loca br flood	ted n	ear st lso oc	ream curr	s in ed d	stee	р поц	ntain valleys. e y River and
i i	21	5:30 p-			0	i '	5	ì	Wind	ı		b easter	i		1 1			l	from amound
	Wind	8:00 p	imated	at un	 to 56	l Domoh	in so	 . nbe_nec	tions, during		mid dow	nderstor night to	ms qui 4 ami from l	nped t . At where	ne n Camd the	eavı eл с Will	n Gau	ley, lioins	from around eight miles the Gauley
	seve	re thunder	storm	activit	у, Н	rdes	t hit	vas th	Elkton area in and farm buildings		Riv	er, 3.15	inch	es fel	11.	Howe	ver,	<u>analy</u>	sis of the out
	rece	ived sign:	fican	damage	. In	New:	arket	, a la	ge tent set up for ses were also re-		the	William	s bas	in.					
	wher	e power wa	s out	to 19,0	00 h	mes	or bus	inesse	as in Richmond, and minor street		Wil	Liams Ri	ver a	nd dow	nstr	eam	bnto	the G	ee Forks of th auley River.
		i	!!	otal de	mage 0	esti 0	i	!	; \$70,000. Wind. Hail		flo	bd water	s hit	homes	and	i pla	ces o	f bus	flicted as liness. Vehicle
Montgomery Counties		Nr 4:00p	;	esd of			i :	¦	with wind gusting		wer	e strand	ed by	high	wate	ŗ.	A fev	camp	any campers ers survived urs as flood
	to i	15 mph in ¹	the Ros	noke ar	ea ca	usin	k powe	r outa	ges to 30,000 homes, size of large mar-		wat	y by Cli ers roar 20 feet	ed pa	st the	m.	Some	cami	sites	urs as flood were under 15
	bles	. Damage	ав вро	tty, to	tall:	ing a	ound	\$10,00				: !			eva	l L cuat	ed fi	on Ca	! mden on Gauley
outheast	30	Afternoon & Night	! !		٥	٥	0	٥	Tropical Storm		alo	ng Coon	Creek	•	İ	į	1	i	!
									ean northwestward then inland. Winds		It	may have	been	a dii	fere	nt s	tory	if th	bus injuries e flooding had
	reac	hed maxim	m gust was re	s of 40 ported	mph at Bu	at N	orfolk Bead	aroun h. Tot	llFM and some			urred on er.	a we	ekend	with 	mar 	tymo: I	re can 	pers along the
		than one	ļ	n the I	!	k-Vi	ginia	Beach	area.	Wayne county	l .	6-8pm			0	1 -		2	Flash Flooding
VIRGIN ISLAND	S	į !		I I		İ		i			Hea: Lyn:	y thunde Creek r	rstor ear l	ms ca ast L	sed	fla On	sh fl sma	odin 11 ho	g along Big use was swept pwnstream,
	5-7	! !	 	 	0	0	0	 6	Heavy Rains		STr	iking and	seve	ireiv -	quanta.	RILLER		ħΤΤC .	Home: who ther
and Yakima Counties	Unse	sonably h	eavy 1	ains ir	the	thre	e coun	ty are	h did	Kanawha and	l	by mobil	le nor	ne was	ais 0	t	l 5	y dam 1	Flooding
	new	ge to a m mown alfai esting. To	ifa hay	and ch	erri	s th	at wer	e read	y for	Putnam counties	Two	inches	f ra:	ln fel	l 1 in	 les	tha	n one	hour over
	repo	erted 1.79	inche	s of re	in di	ring	the t	hree d	ay period.		par	s of Kar	awha	and P	utna str	n co eam	untie flood	s. T	here was wide- Hardest hit
WEST VIRGINIA		j L	ļ	 	 	 		 	huu thundan-		Two	busines	ses w	ere da	mage	ross d in	Lane Nitr	s and and	St. Albans. several homes
	sto	rms rumb	µası Leda First	nay na cross half	West bf t	Vir	ginia onth	almo	avy thunder- st every day ting in several mings along	04-4	1	the Cross aftn &	Lan	s are	₽. ∣ 0	 0	1 5	2	 High Winds
	iss	µances o h Severe	f Fla Thun	sh Flo dersto	od W	atch	es an es an	d War d War	nings along nings.	Statewide	1	eve	fstr	ong th	i :			i	d east across
Logan and Mingo		 5~8pm	 		0	0	5	3	Flash		tho.	state.	From	2 to	H DM	one	: thur	perst	OLD COMPTEX
counties	Sev	eral sma	ll st	reams	in t	he a	rea o	 verfl	Flooding		ton nor	At the	sam ird o	e time f the	, an stat	bthe e.	r are	a mov	through Charle ed across the numerous
	Cha	pmanvill	perua e, an	pa nar d Brow	h's h'ai	reek Run. h in	An	area lirs	Creek near in Logan county Several mobile ivate bridges		rep	prts of eral bui	lding	1 tree 5 rece	s an ived	roo	wer 1 f dan	age,	and small hail including the
	wer	e washed	out.	along	アユモモ	. Bra	wcr u	DITOR	stranding /o		١, ,	awha Cou brth-sou	eb 11	na of	j krenv	i Lhea	l lov th	l under	storms then
	peo of	ple. A water in	grade clas	schoo srooms	l in	Har umer	ts Cr pus m	eek a	rea had 2 feet ides throughout		ent fin	ered wes	tern t the	W abo	ut 4 aro	pm, und	l trav 730pm	elled . Th	east and e result was ge.
	are	β blocki 	ng ro	ads.	i 0	į	 6	5	Flooding		i i	i !	ed tr	ees an	d mi		í	!	ge. Hail
State	5,6	1		nf thu	i i	i	!	í	heavy downpours	Kanawha and Webster cos.	21	2:30 - 3:00pm		nnad 1	+0	10	l inch	2 hail	ř
	on	complete	ly sa	turate	ki gr	bund	(. Al	ready	swollen state. Flash		Cha At	rleston	and C	ross I	anes	, bo	th in	Kana the	at South wha county. Cowen and hail dented
	F1c	hd Warni	hos w	bre in	eff	ect	for v	dariou	s parts of the hout the 6th.			er Glade bs, brok							
	Frac	n about	kom o	h +ha	5th	to 7	HIM OF	the	hth flooding	Marion county '	l	530pm	?	?	!	ļ .	5	0	Tornado
	At	Least 50	fami	lies w	ere	evac	μateo	in v	f of the state. etzel, son county, 35		A s	mall tor	nado	touche	d do	wn i	ear	lannii	gton and move
	fan	ilies we East Vi	re ev ew.	ncuate The ma	d fr Lins	pm h	bmes t in	near Anmod	Wyatt, Anmoore re was under 4		rec	eived da	mage.	The	roo	wa	rip	ed o	Four businesse If a jewelry of of one hom
	to	5 feet c	f wat	þr. S	ever	h1 h	usine	sses	and homes were	Ritchie county		300pm			0	0	4	?	High Winds
	Dur	ing the	late	aftern	pon des-	and	eveni	ng of	the 6th small		A se	vere thu	nders	torm	i pippe	d ti	roug	Nor	th Bend State
	hal	f of the	stat	e. Nu ides.	merc A h	us r	pads me was	were wasi	blocked by high			ged seve				5 0 0	tree	a TU.	the park and
	Gre	enbrier	Lreek	near	rant	ner	nn me	nower	1 county, Total alone totalled	Braxton and Barbour cos.	30	4-5pm			0	0	0	?	Hail
	nea	i⊧ly \$400 !	,000. !	ļ		ļ			; []		0ne	inch hai	l fei	l at S	utte	n ai	nd Be	ingto	n.
	flo	bded. N	tinor .ong t	floodi he Che	ing c	West	g the	6th Ty	ers also into the 7th art Valley,	WISCONSIN			NO D	ATA RE	CEIV	ED			

	+		r		1		Υ		r		1				τ		1		JUNE 1
	-	CAL	PATH	Ę		. OF SONS		ATED1				CAL	ATH	Ĕ		OF SONS		ATED† IAGE	
PLACE	-DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
WYOMING		M IATMUOM	DAYLI	į Par TDAI	1	1)											İ	
Sheridan County	6	645p	7	1	0	٥	5	7	Hail Hail					! ! !		İ	į		
	i		Daytor	, Betwe	en 7	and			for 15 minutes in beeived damage as				i 	 		 	 		
Fremont County	7	330a	1	2	0	0	?	7	Wind				1	1	ļ	ŀ	<u> </u>		
		the shed	e four	dation shed it	timbe agair	rs w	eighin power	g an a	h in Riverton. 200 pounds and dditional 400 former pole,						 				
Park and Fremont Counties	12	İ	7	3	٥	0	6	î	Flooding						į				
		caused f. River an	licodina d on th	g on the de Wind	Nort River	h an	Sout bri	h Fork	rough the 12th of the SHOSHONE empgrounds, were damaged.								 		
Sheridan County	12	Evening	7	2	0	0	?	?	Thunderstorm				İ			İ	!		
	1	A thunder				l qgwii 	dawh	ch 61	ew over some trees								 		
Crook County	13	610p	?	?	0	İ٥	3	3	Thunderstorm				į				 		
		area were	dama, evenin	ed by I	mail i	rom	wo di hail	fferen mashe	n the Sundame thunderstorms dur+ windows out of a wn.								! ! !		
Sheridan County	14	630p	?	7	۱۰	0	3	7	Thunderstorm				İ			! !			
	:	High win fall and power ou	knock	n a thu down p	nders wer :	torm Lines	in she	ridan creat	daused a tree to				 		 				
Big Horn County	16	1119p	2	7	0	0	3	3	Thunderstorm		j				İ	i	İ		
		High win							a tree limb into				!						
Sweetwater County	25	Evening		1	0		?	7	Wind									j	
	1	Several 1	trees t opes si	mere blo	o ante	ver, ۱	wo li	ght ai	through Rock Springs, dplanes and several ity shed was also						 				

		JA.	РАТН	Į.	NO. PER		ESTIM/					'AL	ATH	Į		. OF		ATED!	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
		ТН	E F	OLLO	OWI	NG	AR	E Ļ.	ATE REPORT	rs, correction	NS	s, and	DE	LETI	ON	ıs:			
LATE REPOR	RTS		NOVE	i 48ER 1	980 980	İ		! ! !		LATE REPOR	r RTS	3	:	i H_1981	ī		 		
HAWAII			NONE	REPOR	TED			 		CONNECTICUT			NONE	REPOR	TED 		 		
PACIFIC			NONE	REPORT	TED			 	 	HAWAII			NONE	REPOR	ED				
TACIFIC					-					MASSACHUSET	TS.		NONE	REPOR	TED) 		
•			ĎEČÉ!	i MBER <u>1</u>	980			 		PACIFIC WAXE ISLAND	16	! ! !			0		6	0	Wind, waves
HAWAII			NONE	REPOR	TED			! ! !			Tyr	phoon Fre	da pa	ssed 5	D m1	wes	t of	∜ake	Island moving
PACIFIC			NONE	I REPOR	TED	,		! !				a northe	l 	ly dir	1	рп , 		 	Williand wave
1			i I I IANI ti	[RARY 1	981					AMERICAN SAMOA Pago Pago	l	0756- 0810 LS		! !	0	1	٥	0	Waterspout
HAWAII			Janus								Wat wes		bbser !	ved so	uthw !	est	þf Ai	lrport 	Station moving_
North Shore, Cahu)	0200 surf n	ear 2	i	1 1	!	seve		High Surf Wellings and		1	0843- 0851 LS		rad so	0	Of A	O I	0	Waterspout tion moving east
PACIFIC	caus	ed one	injur 	y due	to b	roke	n gla	55. 	wellings and	RHODE ISLANI		1	ŀ	REPOR	i				
AMERICAN SAMOA Pago Pago		095 1- 1009 LS	ļ .	 	0	٥	0	0	Tornado				APRÎ	1 1 1981	1	ļ	 		
	Torn	ado obs	erved	5 mi	west	of	Airpo	rt St !	ation moving sout	CONNECTICUT			- 						
,			FEBR	UARY 1	981) 	<u> </u>	Old Lyme	1	evening	}) 	!) 	3	0	lightning
CONNECTICUT Statewide	l 11	all day	-		0.7	1	4	0	high wind	1	was	puse antenr struch in	its ro	or.	фта. 	an	jauwi 	PD118	
	hous	ast Harti e into ti	e mast	er bedr	rpom.	Sever	al hou	ses :		HAWAII Kasawa, Oahu	14			 			0	0	 Materspout
	man	ained mir was inju py blew o	ed in	West Ha	artfor	ut ti d whe	ne stat ma wo	e. A oden			Fur	nhel clou	d obs	erved	off				1
HAWAII		- -								MASSACHUSET	25	225pm			- 0 -	ō	3	Ō	ligh tning
Windward coasts of all islands	f 11	1200 - 1800			0	٥	5	5	Wind		Lig a s	ptning str mall fire.	uck an	l apartm 	ent h	use	and c	used	
	Strb		s blo	wing d	lowns	lope	towa	rd th	e normally amage to lants such as	Croveland	l	1017pm thing bla	ated a	house	0 Bears	0 nine	3 a beda	0	11gh tming
	roof	s, gare	ges,	power	line	s an	d ten	der p	lants such as	PACIFIC	flo	or between	two o	ccupied REPOR	l pega	*			
MASSACHUSET Statewide		all day		<u> </u>		6	5	0	High Wind	RHODE ISLANI]							
	Wind	is of 40	10 60 1 5. Man	pph bla trees	sted	he sl	tate c	eusing	-	Coventry	25 A fi	nished bas ightning s	ement	in a ho	use v	o. as b	4 idly d	amaged	lightning
	Quair	er outage lles and many and s coofing a	1x worl	kers we	re in	ured	. A se	ction			as l an s tabl	pightning s bove ground e and blas	hatter d swim ted th	ed a la ming po rough a	rge ol, l	tree, lew crete	glanc upap wall	ed off cnic into	
;	In	ramingha e blown d	ph two∷	arge r	idio	trans	nissio	h towe	rs	TEXAS	the	basement.		-					
Statewide	11	all day		hmart -	0	0	Å in Kal	0	high wind, flooding	NORTHERN Wichita County	30	10:45 p- 11:30 p			0	0	4	0	Windstorm
	were which	ents of a destroye the deb flooding	as w	ere the	four the	auto	nobile shire	s upon		*	Int	ense thund	erstor	ns move	i sou	theas	tward	across	the Red River ate wind damage
) 	rain.		or ca	Penieri CS	i	!					in por	Vichita Co ches were	unty. damage	Trees,	роwе e wiл	rline ds.	s, out Damage	build: was	ate wind damage ngs, and several eported in and . Television
Mansfield	As It	6pm ghtning							ligh tning	Clay County	sta	tion KAUZ	report	ed a wi	nd gu	st of	80 MI	Hat 1	I PM CST.
Da Oznić	explo	sion res				used	damag	e.		Clay County		10:50 p- 11:30 p			0			0	Windstorm
PACIFÍC			NONE	REPOR	TED	ļ					70 Cla	WAKN storm MPH. Most County t	spott of the owns d	ers est e wind f Charl	umate damag ie, 1	d thi e occ horni	nderst urred erry,	near t Dean,	nds of 60 to he northern and Jolly. Power highway signs
RHODE ISLANI		į	NÖNE	REPOR	TED						ucs	proyed by	es wen the wi	e downe					
/ IODAN						i		į		Bowie, Montague County	30	11:45 p- 12:30 a			0	0	?	?	Wind and Rain- storm
											res	alting from	na 60 Maj	PH wind	s in	Bowie	. Set	reral d	some damage ars were stalled of rain in about
,											30	inutes.	#ILLUI	169010	u II	:011 UV 	or Oil	IIICII	or ram m ander
						ļ	1	ļ		<u> </u>			ļ	Ì		•		Ì	

		- VE	РАТН	r		OF SONS		ATED [†]				AĽ.	РАТН	r	NO. PER	OF SONS	ESTIM.		
PLACE		ARD	OF P/	P PAT					CHARACTER OF	PLACE		ARD ARD	OF P/	P PAT RDS)	12.7				CHARACTER OF
	DATE	TIME - LOCAL STANDARD	LENGTH OF	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	STORM		DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	STORM
LATE REPO	RTS		APRI	L 1981 ¦	į į			į į		LATE REPO		}							
TEXAS SOUTHERN										SOUTHERN south central Texas	22-2	3							Heavy rain,
Burnet Co. Gillespie Co Blanco Co.	3	10:10 pm 10:20 pm 10:30 pm		į	000	0	?	? ? ?	Wind Wind Wind	Bottle Central Toxas									Wind
			e of t	l hunders	i i			i i	over south central		A co	pbination rong upper	of wea	ther fa	ctors ream	incl mois	uding t uns	a slov	moving front,
	line	containin	g more	intens	e std	rms :	han t	e fir	Then a second st moved over the vere wind gusts	·	weat	her occurr	ences	the nig	ht of	Apri	1 22	hrough	a series of severe the morning of seather took on
	and :		ll hai	l. Part					, and Blanco		diff	erent char demaging	ateris hail.	tics wh	ich i treme	nclud wind	ed se	ere fi	ash flooding, progressed
	Scat	tered wind	damar	es were	repo	rted	At F	rederi	ksburg high winds		near	ward along San Anton near Beau	io the	l defin n acros	ed 45	0-m1 ston	and t	the :	Del Rio to exes-Louisiana
	area	accompani cell pro	as 7/	pea siz 10 inch	ed ha of a	il; ain	ind br ell i	ef fle 15 m	oding of low Inutes. This same Lanco County with		An i	nitial lir	e of t	hunders	torms	cros	sed i	ito cet	tral Texas from
	more	wind gust reported.	s. At	Marble	Fall:	hig	wind	and r	arble sized hail		Mexi	to and wes	t Texa	s aroun	try d	m on ropp:	the 2	end, in	tensified as it n as well as f storms weakened
Maverick Co. Webb Co.		5 all day 5 all day			0	0	?	?	Heavy rain		as i	t approach	ed the	San An s devel	(tonic loped	area	arou er we	nd lær stænd	. Meanwhile, a approached the
webb co.	Cont	inuine hea	 	ns set	in o	ar H	1000 0	? ountie	Heavy rain as a series of		same hei	s south cer I. The seco	ntral 1	lexas at	eas a	round s al	d 4 ami so wea	with r kened	pore rain and large
	red	ns moved a between 9	lowly and 11	eastwar am on	d out	of 1 4th	lexico in the	The Eagle	irst storms occur- Pass area. Rain- s between Eagle		11n	of storm	ente	ed sou	theas	t Tex	as jus	t afte	, as this second r sunrise, one a large severe
	Pass	and Lared	o. A 8	econd r	ound	of i	tense	rains	hs between Eagle hit during pre- h,24-hour rainfall		thu:	derstorm.	This	evere i Interi	torm tate	last High	ed ove way 10	r 4 ho , and	urs as it moved producing nearly
	tota Co.;	1s were 6.	00 inc	(hes at lenzo Cr	San A eek	nton: 4.57	o Cro	ssing : Indio	n northwest Webb In Mexico just		and	175 miles	long	ind gui from nei	er Co	long lumbu	a path s to 0	10 to range.	20 miles wide
	Soil	condition	s were	very d	ry be	fore	rains	began	rande watershed. but had become se developed on		Spe thi	pific stor s severe w	occu	rences episod	rel are	ated list	l Hnjuri led chr	es, an onolog	d damages for ically and by
	the		betwe	en Eagl					the 15th but no		cou	dty in the	follo	ing en	tries	for	April	22 and	23:
Val Verde Co.	ľ	5:30 pm		İ	0	0	İ	0	Heavy rain	Maverick Co.		8:45 pm	i	l m cros	i o ded ti	İ	!	5 de fro	Hail m Mexico into
	Verd	le Co. duri	ng the	after	ajoon a	ind p	roduce	d flas	avy rain over Val h flooding. By 4 pm		Com	s, entere	d Mave Quemed	ick Co	at prog	8:45 resse	pm cat d east	and north	passed over the east through
	ing	Flood cond	ition	put s	ift :	ater	over	stree	hd by 530 pm worsen- ls and rural roads. L Verde Co. by		dam	age seemed	to be	relate	to t	the w	ind-dr	iven n	storm, but most sture of large rted over the
	even 163,	ing. Creek 189, and	s and 1024.	canyon Heavier	botto rain	ms f	looded the n	closi orth c	ng state highways sused sharp rises		rur	a∏i area.A ⊌een 3 and	secon 5 am	perion	of 23rd.	thund No d	erstor magin	ns hit g wind	the same area or hail was
	Terr	ell Co. Th	de Devi	de Co. l'a Ri	on ci	eeks Bak	drain er Cro	ing so	thward from and the Pecos River and remained		rai	nfall with	the 1	ter st	orms	gave	bvern1	ght ac	dditional heavy cumulations of Small stream
	high	through t	the 18:	h. Mair	prog	erty	damag	e in t	ne sparsely popula-		flo		‡ eport	d in n					out no major
Real Co. Uvalde Co. Kimble Co.		1:30 am 2:30 am 3:00 am	 		0	0		0	Heavy rain Heavy rain Heavy rain	Uvalde Co. Uvalde Co. Uvalde Co.	22 23 23		!	 	0 0	0	6 5	6 ? ?	Hail & Wind Heavy rain Heavy rain
	Clus	l ters of th	i iunder:	torms	arry	ing h	 eavy r	ain sp	read slowly east-		A s	; evere thun	ersto	m ente	red e	trem	Bout	hwest	Dvalde Co. at 9:50
2	beca	me nearly	statio	nary a	cound	midn	ight o	ver no:	17th and then thern Uvalde, before this rain		nor	theast dir	ectly	itting	the	¢ity	of Uva	lde at	m continued east- 10:10 pm where In Uvalde produced
	due	to storms	which	wetted	the e	теа	on the	15th.	Heaviest rain Eaviest rain Beswere recorded										er since 1965.
}	midn	ight hours	were	3.5 inc	hes 4	t Ga	tner S	tate P	for the post- ark, 3.7 inches		win	dows i n Uv	alde a	d for	sever	al mi	ев еа	st and	thousands of west of the city.
	1	! !	i	i	[]	ļ	ļ .	i -	resulted, on the Nueces,		cit	y hall and	count	court	house	suff	ered w	indow	sinesses, the and roof damage 11 homes in the
	Dry wash	Frio, Frid ed over at	, and	Sabinal	Rive ces a	rs. long	ighwa the N	y 55 w	ss closed and River from above		cit wat	y sustaine er damage	d some es rei	damage enter	Int ed th	erior lough	h of b	uildin and w	s suffered much ind-produced
	down	stream fro	m Rea	an Wel	s. 0:	the	Frio	River	around 9 feet a flash flood ached Garner State		win	dows, head	Jights	, end cl	Hrome	Dam	age wa	s even	fered broken more concentrated storm came from the
	Park	before su campers t	nrise	and fi n safe	iooded iy eva	low cuat	lying d ear	camps lier i	tes from which the night. The		wes hit	t southwes Several	t, nor	th-faci	ng wi	dows	were	report	ed especially hard a stones and water
	In K	imble Co.	most:	looding	was	on s	dall c	reeks	he morning hours. In rural areas; James River put		İ	elreported	ŀ	l re erri	 ned -	 af a1	100-	 	he 20,000 acres
	a mo	derate ris	e into	d the So	duth 1	lano	and L	lano R	vers which reached age occurred to out the flash		of cen	ter of the	ined hail	arying wath n	degr	es o	f dama had n	e; fi early	elds along the
Gillespie Co.	floo	s, bridges affected 6:00 am	area	r and	telepi 1	i	poles 4	!	out the flash Heavy rain		peca	n orchard:	s lost	leaves.	, barl	, an	d frui	t. Wor	ghum. Commercial at crop losses
OTTTERPTE CO.	i	ļ	ì	a thund	i	i	ļ	1	Heavy rain ded into western		the	city.		!		•	İ		miles east of
	G111	espie duri	ing ear	fly more	ding t	lours	Alth	ough r	infall in the		Hail and	l losses we berhaps \$	ere gi Z mill	en an on	crop	te o	f over	\$3 mí	llion for property
	norm earl Harn	ally dry c y morning. er when sh	Arour	meds did ad 6 am ampted :	f f111 a 42-	year ve t	p wate old w hrough	oman w	ly during the is killed near oded low water wagon was washed pable to reach high										storm. Over 2 and round of down-
	cros	sing on Re	nch-to	Market	Road	783 rs a	Her hd she	station was u	wagon was washed hable to reach high		pour at i	rs between Gippa, 4.0	3 and 8 at	5 am. (valde,	vern 4.50	ight at G	ainfa arner	ll tot State	als included 4,93 Park. Extremely
	the	ho arcer 8	ing a	out of	pen, b	jveni jut o	cupan	ts were	able to safely		beg	Lh quickly	lover	he area	. Du	ing	early	nornin	lash flooding to g hours, crests Inippa; on the
Gillespie Co.	į.	9:45 am	i	 	0	1	?	0	Heavy rain		Fridevac	River at	Garne:	State	Park cres	and	Concan Lved;	where	campers safely Sabinal River remained out of
	Scat	ered heav	thur	dersto	rai	ns d	ring	the af	ternoon of the 20th		Dani	ce through	the a	ternoor	1 01 1	Çhe Z	Jrd. S	igniti	tant road closures
	duri the	ng early n county on	ight i	ime ser	t mos	t cr	teks a	ed stre wickly	ensified rains eams throughout drained off the		and 1051	Parm-to-Ma 1022, 10	rket (123, 2	nd Rand 69. Ali	h-to- hough	Mark sma	et Ros 11 str	ds 334 mams a:	55, 187, 127, 481, 1049, 1050, d upper reaches of
, i	satu	rated hill k bottoms	side: were	. Low a	reas Ranci	incl	ding Market	Road	iral roads at 183 near Harper		floo	ers experie	to ro	wo rise dways,	s fro	m th	e sepa utilit	rate s y line	orms that night,
1	WAS	overwashed	tor	qne seco	and t	ime i	two	qaya.	!	13	prop	FILLER CO.	Ita no	i De dis	ting	18he	g Detw	een th	two storm periods

	OCAL	РАТН		O. OF RSONS		ATED [†]	CHARACTER	,		OCAL	PATH	HT.	NO. OF PERSON		MATED! MAGE	CHARACTER
PLACE	DATE TIME - LOCAL STANDARD	(MILES)	(YARDS)	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	PROPERTY	CROPS	CHARACTER OF STORM
LATE REPOI	i. i. i	APRIL	1981					LATE REPOR			APRI	L 1981				
SOUTHERN Bandera Co. Bandera Co. Bandera Co.	22 11:50 pm 23 4:55 am 23 1:30 am		0		? 4 5	? ? ?	Hail & Wind Hail Heavy rain	Fayette Co. Lavaca Co.	23 23 23 23	7:15 am 7:15 am 7:30 am 7:30 am			0 0	6 95 1 05	5 C 5	Wind Hail Wind Hail
Bandera Co.	dropped scatte	red l e rg	e ha⊈l s	tward	over a	short	Heavy rain of storms briefly path in western i Bandera, High		An e	astward mo ained one ent severe	storm	cell wh as it	thunders ich inte progress	torms on sified	tretch: rapidi dgh Fa	ng across Texas y into a large gette and Lavaca
	winds were rep city of Bander A second hail	orted ne a just b storm oc	ar the sefore mic	orm al inight	lso,do	wning later	from a second		cent	er and alo	ng the	north were ca	edge of	the sto	ļm trac	hail fell near the k, but the most usts on the lead-
	Creek and east Counties just	ward int before 5	am. Scat	ered	ts of proper	Kendal ty dam	ages were reported.		nort Schu	hern part enburg) #	.: Win of the uffere	county d blown	down bu	ein Sta iiding	te are	red across the (5 mi, south of window, and barn
	areas in an ho rises out of b the preceding	ur up to anks aro few days	12:30 an und 1:30 abetted	send am. W runof	ing al et soi f. New	ready Ls fro storm	n previous rains e entered the		and ed a	Fayette C round the	ulton. o.: An city o	estima f La Gr	ted \$1 m ange. Ha	illion il dam	in wind	of Hallettsville damage was report- most evident to greater wind
	3.70 at Vander occurred on the Hondo and Seco	Overnigh pool, an e Sabina Creeks	t rainfa d 3.61 a 1 River from the	l tot Band elow first	als in era. O /ander round	:luded verban bool a of ra	4.05 at Tarpley, c flash flooding s well as on lns. The second		dama 3 in Rema inju	ge. Severa juries inc rkably sev ry. Throug	l mobi luding eral p hout t	le home seriou ersons he city	s were i s injuri survived windows	lipped es to dobil vere	and der woman home	olished causing in one home. dollapse with no dd, large trees is caused much
	north and west	prongs am on th	of the M e main cl	dina i	liver of th	soon a e Medi	s and on both the fter 4 am.The rise na River to Medina iways.		in to enir	hdary dama he wind. W gs in bui tange sust	ge. Ju ater d ldings ained	st west amage r . About signifi	of La (esulted 80 hous cant dan	from the over	a large ne wind rithe s he cour	oil rig toppled and-hail-caused op- uthern half of house was
Val Verde Co. Val Verde Co. Val Verde Co. Kinney Co. Kinney Co.	23 1:15 am 23 2:15 am 23 4:15 am 23 1:15 am 23 2:30 am		0 0	0 1 0 0	? 5 7 ?	? O ? ?	Hail & Wind Heavy rain Hail & Wind Hail & Wind Heavy rain		acre hear	s of crops y rain con t 7000 to	were bined. al act	affecte There es of p	d in va: was an rain so:	rying d stimat ghum a	egrees ed effe nd corn	yed. Some 20,000 by wind, hail, and btive loss of I The Ammannsville lding losses.
	A severe thund Mexico near th around 8:15 pm	e same po	oint the	a dau	: 20 m maging	iles so hail orm mo	outh of Del Rio in storm had started yed more northeast- tly after 1 am		4 11		in whi					range due to t no flood damages
	crosped into e Kinney County over sparsely crosped into T	xtreme s Stone g populate exas fro	outhern ' usts and d areas. m Mexico	/al Ve scatt At 4: This	rde Co ered 1 15 am one w	unty an arge hi a thire as even	d southwest il stones fell intense storm farther to the	Colorado Co.	ente	red Colore	do Co.	from t	e leadi he west	about	71,45 am.	Wind evere thunderstorm and reached the th 15 miles wide
	nearly 3 inche	Internat s in dia ws were	ional Bo: meter C: broken i	rder c ets in 1 buil	rossin the a	g rang rea su	ed from 1-3/4 to		stra (es high	iddled Inte imated at way from r	rstate 100 to ear Co	Highwa 120 mp lumbus	y 10 wi h) havi eastware	the occu into	mbst in rred di Austin	tense wind gusts rectly along the
	counties. In I	el Rid 9 ng urban	/10 inch floodin	of ra	in fel sequen	in 2 rain	ing over the two) minutes eround s with the severe f creeks in		the: unde	mented in ir sides wi ir tow on t lied eastwa	the co ile be he hig rd alo	ing dri hway we ng the	bout 10 ven eas re rolla highway	large bf Co d by t fbr mo	trucks 1 mbus. he wind re than	were toppled onto Two mobile homes demolished, and a mile. Most of
	southern Val V 11-year old bo city street by	erde Co. y was re swift c pours hi	and Kin ported s urredts. t at 4 a	iey Col Ighti Ee wa Icaus	. afte y inju s resc ing fl	r 2 am red whi wed by ash fl	In Del Rio an en swept from a firemen. A third coding to persist		Tree west	erly wind badly dat	poles blast, aged.	, and to In Col	igns we umbus a Bernard	e all artmen commu	blown d ts unde nity se	ast of Columbus. bwn from a construction veral businesses ge occurred to
	damaged by the	rain wa Nueces sted in	ters In River flo	kinne oded	y Co. washin	nost s g over	mall creeks and many rural roads. on due to recurring		repo with but	this segn	south ent of	of the	storm to	ack at only	Eagle 1/2 inc	nor damage was Lake. Hail stones h in diameter, spread crop
Edwards Co. Real Co.	23 3:00 am 23 4:00 am Storms dropped	heavy r	0 0 sins whice	0 0	? ? urated	? ? the g	Heavy rain Heavy rain round and put minor	Austin Co. Austin Co.	23 23	8:15 am 8:30 am			0 20		5	Wind Funnel cloud
	rises on creek round of storm rain to cause	s during s betwee sharp ri	late nig n 2 and 4 ses out o	the house	renche ks whi	the 2 d the ch clo	2nd. Then a second		Rive area	r into Aus about 8:3 wide area	tin Co O am. cente	unty al Damagin red alo	out 8:1: g winds ng Inter	were o	d reach bserved Highway	he San Bernard ed the Sealy over a 15 to 20 10. One very blasts was miles west of
	greatly respos	sible fo k in Edw rose sh ained cl	r the fla ards Co. arply be	lood low Le	oding d rur key t	. The al are o Garn	South Llano River as. In Real Co. er State Park.		High Whan blas	y and extended to the counting of the counting of the courre onset of the counting of the country onset of the country of the	nding ough S es. Mo d on t ail an	eastwa ealy an st with he lead d rain	rd along d into esses be ing edge Maximum	the a conther lieved for the second s	outh sing Walle that the storm of the storm	de of Interstate f and northern he extreme wind coincident with h the narrow
Kendall Co. Bexar Co.	23 5:15 am 23 5:25 am		0	0	?	?	Heil Heil		whice and	n included a gasoline	a mot	el on t	he south		of Seal ly dero	ased on damage. y totally deroofed ofed with its psed inward.
	dropped golfba Creek eastward	ll sise ! into ex storm we	hail stor treme sou skened re	thern thern	er tur Kends and 1	al are 11 Co. arge h	il stones ended		an e comp high	stimated 5 letely des way throug	0 to 1 troyed h Seal	00 mobi . Sevei y. Seal	le høme: al truck y Hoppi	with swere al rep	several overtu orted a	ty occurred to dozen of them rned on the total of 20
Burnet Co. Williamson Co.	23 2:30 am 23 2:30 am Heavy rain fro	n slow m	oving the	0 0	? ?	? ? !	Heavy rain Heavy rain I much of Burnet		resi home degr	ous injuri dents exce s when the see of prot	es. Al pt for storn ection	l injur one tr hit es when w	ies were uck driv caped in rapped	susta er.Man jury b n matt	ined by perso luck resses.	ding 3 rather mobile home ms in mobile or through some Most mobile home
	and Williamson small creeks b	Countile y 2:30 en een 5 jane closed 1	safqero n.Alseco 17am ag low water	dnig	nt cau	ing f storm eviou	ooding of most moved over the sly flooded creeks.		resi evac the were	dents whos pated to r horning sk destroyed	e home eighbo y turn , hund	s were ring su ing omi reds oi	damaged, bstantia nously l utility	howev 1 stru- 1 ack. I poles	er, sai tures Sealy snappe	d that they had when they noticed many old trees d, roofing was es occurred to
	inches over we	and high	streamf]	ow be	ore) Burn	ere only 2.5 et Counties, ins contributed		ares	school fa	ciliti	es. At	the high	schoo	l part	es occurred to of the auditorium were damaged,

	¥.	РАТН	I	NO. PERS		EST IM	ATED†				¥.	H	ŗ		OF SONS	ESTIM. DAM		
PLACE	- LOC	OF PA	F PAT					CHARACTER OF	PLACE		FD 1.00	ES)	P PAT			_		CHARACTER OF
	DATE TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	STORM		DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	STORM
LATE REPO	* *	APR	16 198	1	1	į	ı		LATE REPORTER SOUTHERN		;	APR	L 1981		j			
SOUTHERN	workshop area							windows were the Middle School,	SOUTHERN	high	winds was	noted	over t	he Ci	losbyl	area	in eas	larger area of Harris Co. Damage
	athletic fiel	d and	tadium	were	damag	ed. S	tudent	s had taken refuge d at the schools.		indi of C	cated wind rosby some	gusts 10 mc	in the	rang mes t	ere	lestro	yed in	juring one person
	In Wallis, Fr	ydek,	nd San	Felip	e contr	munit	ies ot	her mobile homes		tree	s. At Croe	by Hig	h Schoo	1 the	gym	roof	⊌as pa	sed by fallen
	were damaged; Austin State	camper Park;	s and mpty re	raile	d cat	re ovi s ven	erturn e push	ed at Stephen F. ed eastward by tered damages less		Else	one person where, Cyp	ress-E	airbank	a His	h Sc	nool le	st pal	t of its roof. Sed in parking
	severe were r	porte	at Bel	lvill	e. 0	er ruţ	ral ar	eas much littering oted. A farm house										
	was reported crop damages	deroof	d; nume	rous	barna	were	destr	oyed. Wind-caused		The :	municipal Led by win	conver	tion ce e. Exte	nter nsive	roof dam	was p	rtial so oc	buildings under other buildings. Ly uplifted and curred in parts Harris Co. farms called by blowing
	\$2 to 3 milli	on dol	ar wind	dame	ges I	n the	count	y were the worst		TOPL	BOTTLE CTOP	40 444	ourno.	Cu cc.		re rep	12000	
	for a single in 1961.	storm :	ince w	nd-re	lated	dama	ges of	Hurricane Carla			is at one barns.	ifarm a	nd a nu	mber	l I I	pultry 	were 	cilled by collaps-
	storm, but de	miage pa	tterns	indid	ated	the w	moving ind gu	eastward near the		to c	ars and wi	ndows .	No maj	or fl	ood1	ng was	repor	causing damage ted, but up to
Live Oak Co.	damage rather	than	tornad	o tou	chdov	n. į	ì	 Funnel cloud		3.3 Co.	inches of Street flo	rain d	ld fall led to	in (bout	75 mi	putes	In north Harris ng stalled in
	A funnel clou	d was o	 bserved	mov1	ng no	rthea	 tward	over northern		l i	ets and un	!		OU e	nor	 - -	l land e	est Harris Co.,
	Live Oak Co. The funnel wa	There v	das no e diated w	viden ith	ce th	at it dly d	ever evelop	ing line of										torm gusts.
Wharton Co.	thunderstorms 23 8:30 am	1	of whice	h wex	e sev	ere i	arther 4	to the northeast.	Chambers Co. Liberty Co.	23	10:30 am 10:30 am	i I		0	0	5	?	Wind Wind
								Co. (see above art of Wharton		Seve 10:3	am. The	lsts en	of the	este:	n po	tions ved ea	of the	ese counties at ig Interstate ne southern
	Co. North of were damaged,	East]	ernard over a	and R	agle pread	Lake area	¢evera were	l farm homes broken or		Libe	rty Counti	tes. I	Chambe	TS C	• th	e Mont	Belvi	pe Bouthern pu area sustained al large trucks
	upropted, uti	İ	les wer	e sna	i		!	battered.		were	blown ont	to the	r side:	by ≀ The Ai	the w aahua	ind in dares	cludin had s	g one on top of Emilar damages.
Waller Co. Waller Co.	23 8:50 am 23 9:00 am			i 'i	13	6	5 1	2 Funnel clouds		Wind	s reached homes. In	Winni Galve	around	l ll: hig	10 am A win	causi gust	pg dam pg dam	ege to businesses ed 9 barges to
	Brookshire st	idrtly i	before 9	:00	m and	Katy	aroun	50 am and reached 4 9:15 am. Wind			k loose fi	i	1	ļ	1	!	l	s in the Liberty-
	Interstate Hi	ghway	10. Dama	ges	includ	led se	veral	dozen mobile homes,		Dayt	on area, i	but mo	t inter	se w	nds	ppare	htly h	it wood and marsh-
	just south of	the I	iterstal	te onl	Farm	to-Ma	rket F	oads 359 and 1489. ler Co., most of		Wind	driven m	rble	ized h	1	ł	some	i Hamage	to area rice
	whom were mot	11e ho	de resid	ents	Seve	ral o	ccupan		Jefferson Co.	23	n in both 11:05 am	l	jes.	0	0	6	į ; ?	 Wind
<u> </u>	of the injuri	les occi	constru	Katy ction	wher site	e 14 . The	men to trail	ok refuge in an er subsequently	Jefferson Co.	1	11:15 am 	ŀ		0	٥	!	0	Lightning
	rolled and was Brookshire an poles were do	ıd Katy	lost w	indows	, rod	fing.	Hundr	residences of eds of utility		and		be Bea	umonta	tea a	tound	11:20	lam. H	ly after 11 am igh winds caused
	glass breakas	ge and	some ro	df dan	age.	At Ka	ty pro	perty damages were		Hams	hire, Fan	mett,	Cheek,	China	and	Beau	iont, I	h Beaumont damage down trees.
	property loss	at Br	dokshir 	d. !			i I			In t	he downto 	n are	there	Was	consi	derabl	e glas	s breakage.
	Rice fields a	Į.	į.	!	! ;		ļ	i !		1	1	!	1	i	i	(i	secondary damages.
	shire and Kat	ty, but	damage	seer	to	ave a	11 bee	estorm in Brook- makes wind gust related; makes and but did not			at a hyd							and sparked a
Fort Bend Co.	touch ground	· j	sporce	0	0			Wind										n was observed next entry).
Fort Bend Co.	23 9:00 ar			ľ		,	1	Funnel cloud	Jefferson Co.	23	11:15 am	13	50	0	2	5	0	Tornado
	Co. coincide	n t wi th	extrem	e gus	s the	at hi	Walle	thern Fort Bend er Co. Damages	(China to Beaumont)	A to	prnedo for Itvister u	ned ne	ar the	rail	ing e	dge of	a sev	re thunderstorm. F China where
	northern For	t Bend	Co. A f	unnel	cloud	i was	Been t	ural areas of poving over rst winds along		eyev	tnesses	descri	ed it	as lo	pking	like	a "lon	black rope by briefly touched
	the southeas	tedge	of the	dever	e thui	nderst	tora c	all. Blowing damage was to many		grou	hđ severa everal sh	time ort sw	s on it ths of	i pat inte	h fro	n Chir Ismage	ja to B jeithin	eaumont and produc- the broader area
	mobile homes reported. At	Pulshe	red fro	sim cleme:	nton ntary	to Fu	shea:	n. No injuries were Significant damage.			erson Co.		torm do	mbur 	st wi	Lhds (s	ke pre 	vious entry for
Harris Co.	At Sugarland	some p	lanes w	ere d	amage	wher	nja hen I	ngar collapsed.										vister when it small child.
Harris Co. Harris Co. Harris Co.	23 9:15 as 23 9:20 as 23 9:30 as	m	ĺ	0 0		o ₅	5 C	Wind Hail 2 Funnel clouds		Alor	ig a skipp iter deroo	ing at fed an	aight colla	ine	towar walls	the lata	east-n storag	prtheast the company in amaged upper
								eige reached into		port Al th	ilons of a bugh 13 m	les s	șt comp épara te	lexes d ini	in t fiel	he Mag	nolia hal da	Gardens erea. page areas caused
	city of Hous	ton and	to eas	de s	ris C vath	o. by west t	10:30 eas	am. Wind damages t through the		of d	he tornad Hiscernibl	o, its dama	jup-and e path	on g	ound	te pro	duced 	only about 2 miles
	centler of the	e count ton. Do	vinclu vntown	ding dind	downt:	wn Ho were	peasu	and the north red at 62 mph but	Orange Co. Jasper Co.		11:30 am 11:30 am			00	0	?	?	Wind Wind Wind
	Summary of d	i antages:	 Widesp	tead	vindo	v brea	kage (courred and was										 #st from Beaumont Wind damages
	were reported	ad in t	he high shatter	rise ng g	buil ass	lings In ofi	Hownto	om, 2 injuries illdings. Much roof,		were	reported	from	idor t	d the	jeity	of Or	ange,	, wind damages Rumerous trees s, windows, signs,
	Sharpstown,	Temball	north	Hous	on, we	st Ha	rris (ing Branch, Bellaire Co., Crosby. In elaffected area			utiliry 1							
	hundreds of	power l	ines an	duti	lity p	poles	were .	e affected area dpwned cutting spa. Several mobile			į į							
Ι.	homes at Ali	e were	demoli	thed.	Seve	al so	hools	received damage.	I	1	!	İ	i	ļ	ĺ	!	İ	!

		CAL	PATH	 ≢		. OF		IATED† IAGE				CAL	PATH	Į.		OF SONS		ATED1	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROP\$	CHARACTER OF STORM
LATE REPO	RTS	3	APR	IL 198	1	İ	<u> </u>	į	İ	LATE REPO	RT	3	MAY	1981			į		
TEXAS (continu	ed)	i					į Į		<u> </u>	MISSOURI (cont Bollinger Cty.	tinue I	d) 330 PM			0	0	4	0	Wind
SOUTHERN Zavala Co.	25	12:15 am			0	0	04	С	Hail	Bollinger 509.	At	ew trees	were	uproc	ted	in t	he Gl	en Al	
									r were reported central and	Iron County		4 PM			0	0	4	?	Large Hail
	nort	ern Zeval	a Coun	ky. Hai	1 000	urred	betwe	en Lal	ryor and Crystal damage may have			f ball s dshields							
	occu	red. This	north	eastwar	1 mov	ing s	torm v	as par	t of a larger	Washington Cty.		4 PM			0			?	Large Hail
illacy Co.		1:30 am			0	0	?	?	Hail		COT	l to the rered the	grou	nd to	eigh	tin	ches.	The	
									storm gusts	_	at	l was on Caldonia		ground	l two	day	rs lat	er	
		tedly cau on County			daca	ge ju	st nor	th of	the Willacy-	Benton County	Ha	433 PM	ed to	one i		0 diam		? at	Large Hail
Sexar Co.	25	7:50 am			0	0	o ₅	c	Hail	Dada Gamata	10	ia.							
ilson Co. usdalupe Co.	25	8:25 am 8:25 am		İ	0	0	? ?	?	Hail Hail	Dade County		442 PM		the s	1ze	of g	olf i	alls	Large Hail
Gonzales Co.		9:00 am	 tor	 (cert	ii			i	Hail line of storms)	Pettis County	au	Greenfie	La.		٥		,		Tamma Vada
	inte	sified ov	er ext	reme so	uth B	exar	Co. at	d drop	ped hail stones and the far south	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Ha:	il report Sedalia.	ed to	the s		of a		alls	Large Hail
	side	of San An	tonio.	The st	orm d	ontir	ued of	an ea	st-northeast path ar the community	Butler County	"	815 PM	1	50	0	0	3	?	Tornado
	of L weak	Vernia, a ening. Sca	nd con ttered	tinued large	into h a il	south	ern G	nzale	Co. before along the track		A in	mall tor	nado	touche	d do	wn u	ery h	riefl a ca	by .
	1	ear the ci		!	i	i.					tre	and move es were	down	in por	tion	s of	[Pop]	ar Bl	
	A se	dond thund a later pr	erstor oducin	n follo g small	wed a	long in t	hearly he san	the i	ame path about 2 ral areas.		lin	th most o he thunde	f the rstor	damag m wind	e du	e to	stra	ight	
an Patricio Co.	25	1:15 pm		 		<u> </u>			Funnel clouds	Wayne County		730 PM			1	1	2	?	Lightning
	Seve	al funnel	cloud	s aloft	pass	ed no	rthea	tward	near Odem. The apidly developing		A I	an was k	illed	while	wal	king	with	a 11:	& Wind
	thun	derstorm n	orthea	st of 0	dem.	None	touch	d grou	nd before dissi-		fr	lend 6 mi lend rece sp produc	ived	ninor	inju	ries	. Thi	s sto	rm.
atagorda Co.		2:30 pm		 					Funnel clouds	Cooper County	".	9 PM	5u 30	ne can	0	0	?	?	Flash Flood
	Rapi	dly develo	ping t	nunders	torms	gene	rated	a funt	el cloud 2 miles		A d	ar was w	ashed afte	off to	he r	pad to	and t	he dr	iver
arris Co.	nort	Heast of P	j	bi. It m i i i 50	l	horth 0	east v	ithou 0	touching ground.		Sor	e time. er in th	This	bccure	d ne	ar t	≱he La	hine	
(Jacinto City)		1	i	i	į	į :	itty o	İ	east side of	Butler County	170	920 PM	4>-	د د د	0	0	?	?	Large Hail
	Hous	con near I	Interst	ate Hig	hway	10.	t cre	ted s	ome superficial despite its dark,		of	l to 3/4 Neelyvil	Le.	diame	cer	repo	prtea	west	
	thic not	k appearan move acros	ce. The	e twist highway	er la	sted was	only .	e few	noments and did by staff of the	Stoddard County	Sex	920 PM eral tre	פן ווח	rooted	0	0 vari	1	?	Wind
	Hous	ton Chroni	cle or	its at	ort p	ath.		İ			of	the coun	ty.	00000			بر دسر		
			MAY	1981		! !				Mississippi Cty	Wir	1030 d blew d	own a	tract	or s	hed	3 and	?	Wind
HAWAII			}	<u> </u>		; i	i		\ .			aged seve East Pra		trees	5 mi	les	south	east	
Bastern Cahu	7	411 day			0	0	6	5	Flooding	Dade County	23 Hai	305 AM	d to	the s	ize d	0 f g	?	? :11s	Large Hail
	Hea sev	vy rains ere floo	meas ding	uring in the	15 t Vai	o 20 nana	inch lo ar	es lo ea an	cally caused d minor flooding of very localized		at	reenile	.a.			, ,			
	in nat	lawaii K ure.	ai an	2 Aina	Hai	na.	Rains	were	of very localized	Vernon County	A t	555 PM rnado wa in the	1/2 s rep	50 orted	to i	0 ave	0 toucl	0 led	Tornado
MISSOURI (All times have b	l	honverte	h +o	hantra	+	bada	hd +4	μο γ	!		Nev	da. No d	open amage	counti was i	ту 4 ерог	mile ted	s no	th of	•
	1		r ~						<u>-</u> -	Barry County	Ver	8 PM heavy h	ail r	onorte	0	0	?	?	Hail
Dunklin County	ASC	5 Report	ed cr	op dam	age	rom	hail	near	Hail		ver	heavy r	ain j	ust we	st d	f Pı	rdy.	No	
	was	hett. No estimat	ed.	grven	on	naii	and	cime		Miller County		825 PM			0	0	3	?	Wind
Jasper County		6 AM oman was	kill	ed by	1 fire	0 whe	5 n lie	Ontnin	Lightning		Tre	s uproot n off a	ed ar barn	d powe near E	r li ldor	nes	down.	Roof	
	str	uck her destroy	home ed as	in Car Well	thag as t	e. woo	The h ther	bme	F 11	Cole County	m	840 PM	,	•	0	0	3	?	Wind
	str	uck at a	bout	the sa	me t	ime.					in d	s uproot efferson	ed an City	o anı	mber	01	limbs	down	
Morgan County	18 Win	1044 A	ted u	p to 6	o O an	i 70	mph	? Bouth	Wind	Boone County	Tree	851 PM s down a	nd wri	ndows	0 Out	o in C	3	?	Wind
Davies County	l	Versaill 1220 A	!		اما	اما	2		1672 2		A la	rge tree h of Col	repd	rted u	proc	ted	3 mil	es	
	Ver	y heavy hes of r	thund ain a	erstor	ms p	rodu	ced u	p to	5.73	Osage County	1	910 PM			0	0	3	0	Wind
	and One	y heavy hes of r wind da tree wa	maged s upr	house	s an	d tr	ees i	n Gal	latin.			r lines	repor	ted do					
Laclede County	l	115 PM			0	0	?	?	Large Hail	Platte County	23	350- 405 PM	5	50	0	0	1	0	Tornado and Large Hail
•	Bas 1 1	eball si /2 miles	ze ha NNW	il and of Phi	ver llis	y he pbur	avy .r g•	ains	-		Fun	nel clou er perso	i fir	st obs	erve s so	i by	weat	ner a	nd
Dent County		328 PM			0	٥	L	2	Large Hail			sas City n 2 miles							
	Hai pol	ice in S	ze of alem.	golfb Exten	alls sive	was dam	conf age w	irmed as	by		lair	 Tornadh 	soci	ı lift	ed ai	s i.t/	move	i nori	theast.
	rep	orted to o damage	auto was	mobile report	s an	d pr A fu	opert nnel	y. Mi	nor		obs	l to the erved at n the sa	the	irpor	t.	This	coul	was hav	9
	Dut	no touc	ndown	was r	epor	ted.					sid	n the sap eafewo	ainute	s ear	lier.	. u 0	ı me	vens	

		CAL	PATH	Ĕ		OF SONS		ATED1				CAL	РАТН			OF SONS		ATED!	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	מורפס	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
LATE REPO			MAY	1981	i			į		LATE REPOR	RTS		MAY	1981				!	-
MISSOURI (con Scott and Cape	tinue 24	255-			i i			i] _	۱	TEXAS NORTHERN						 			
Girardeau Counties	A to	310 PM rnado to fee on t	10 uched	400 down	0 betv	1 reen	6 Delta	? a and	Tornado	Gainesville, Cooke County	l	12:10 a			1	0	3	0	Windstorm
	and stor	fee on t Southern m damage ses. It	Cape	Gira:	rdeau ile	home	intie: s and	twe	e Lve		Nor are	h Texas f shortly s damaged	or Apr before	il 30) midnig	produ ht.	cing Short	damag ly af	in the	a (see Late Data - e Wichita Falls night, strong ldings.
	a he	licpoter damaged	. Ar	umber vell a	of t	usir r 1:	nesse:	s wer	ł t	Alvord area,	1	1:00 a-			0	0	4	0	Windstorm
	Two	funnel of was conf	loud	were	repo	rte	l but	only		Wise County	Str	1:15 a ong thunde	rstorn	winds	topp!	ed t	rees a	d ble	down power lines
	off	cials.	he st	torm m	oved.	para	illel	to	4.	V Ponton		the Alvord	area.		0	0	 4	0	Windstorm
Platte County	29	430 PM	500	lorgo d	0	0	0	5	Large Hail and Damaging	Krum area, Denton County		1:00 a- 1:20 a					l I	į	
	set	reral hu:	dred	more a	acre	bad	lly	piles	Wind		and	marble ha	pil at p	Krum.	o Sta Trees	ma Si were	otter upro	repoi ted ar	ted 70 MPH winds d power lines
	The and wit	hail wall some flank	s gol oodir torm	fball g to l This	size nome: rep	e. S s al: ort	rong so rep ame	wind porter	s	Dallas County		ned by the	stom	•	0	0	4	0	Wind, Hail, and Rainstorm
Boone County	29	ASCS We	a unei	r nepo.	1	0	?	?	Flash Flood		Sev	ere thunde	rston	activi	ty pı	shed	south	eas twar	d across Dallas
	A to	velve yea	le pl	laying	in a	a ra	in sw	ф11 en	4		abo	ut 2:45 AN	. Ama	teur Ra	dio S	torm	Spott	ers rep	ern Dallas County orted 70 MPH wind aree-quarter inch
	a ni	Inage dit imber cas ding of	es of	stre	et f	Lood	ing a	pid.			hai	l and gust lin Garlar	y wind klat 2	s were	frepoi I Hea	ted :	in Uni dinfal	versity L resul	Park at 2:14 AM ted in urban
	to i	our incl mbia ar	es f								1	ļ	ng in	the Cit	!	Dall: 0	s at	several ?	locations.
NEW YORK	1			REPOR	TED					Crowell, Foard County	l	12:30 a sh flood v	aters	c1osed	ļ	!	ł		
CENTRAL	,									Mineral Wells, Palo	l	1:18 a			0	0	?	?	Windstorm
NORTH CAROL		1 4:45 AM			0	0	0	6	Hail	Pinto County						ees a	ļ njaldaπ	aged of	destroyed several
oustow estatey	Thu	derstorm	 with h	 ail inc	h and	thre	e qua	tters .	and wind gusts	Northeast Fannin	1	ports in M 111:00 a	i I	WEIIS	1	0	?	?	Wind and Hail-
	dam	age to cro	фа. Н	þil des	troye	£d 500	acre	e of t	o, extensive bacco, 3000	County	As	 evere thu	 dersto	 new	l ed eas	 st-so	 utheas	tward :	storm From Oklahoma
	des	s of corn ruction 1 hail in	jб вqua	re mile	s thr	ough	Richl	and ar	a. Golf ball		int	b Fannin (1 covered	ounty. the gr	i Acoo pundat	ppera:	ψive Kstow	observ n, and	dr repo that v	orted that small wind damage
Pembroke		j	ļ ·	 	ļ						ext	ent of dar	nµra⊥a ntagewa ∣	reas 10 s not 1 	down	niles]	South	OT MOI	kstown. The
(Robeson County)	ľ	11:30 PM 	j 	j 	j 0 I	1	4	0	Wind ty. High wind	Lamar County	8	11:20 a- Noon	30	?	0	0	4	6	Wind and Hail- storm
	love	turned a	mobil	e home	kwo t	iles 	NW Pe	nbroke 	injuring		The	 Fannin Co	unty s	torm s	ept a	cros.	t Lama	Coun	ry, leaving hail
Murphy				i I			,		7-41		mel	ons was re	ported	in the	a Tigo	ertow.	n - Ma	gey are	, cucumbers, and a and the Patton- golf ball sized
(Cherokee County)	31	4:00 PM	half h	ail rec	orte	0 at 1	0 adio	statio	Hail in Murphy.		hai wir	l caused : dows were	liight t broker	o moden , sign	date s	truc	tural	damage	in Paris. Some opies damaged by
PACIFIC			l	REPO	į					Delta County		Storm in Noon	Paris. 			! o	. 0	4	Windstorm
PUERTO RICO		! ! !					i			,	Str	ong thunde	rstom	winds	dest	oyed	jan un	!	ed amount of
Islandwide	2-5	į !			1	0	4	0	Heavy rains	Red River County		at, mostly 1 12:15 p-	in no	rthern	Delta 0	4 Cou	≱ty. ?	i ! ?	 Wind and Hail-
		station	ry up	per lev	∳1 tr	bugh	west o	o∦t Pue≀	ated by a to Rico	ned Agree councy	1	112:45 p		l I I	Ì	İ	1	<u> </u>	storm
		bankful	1 leve	is in m	est o	t the	isla:	nd's lar	rivers to ger water- during this		Aft Cou	er exiting	laman Igan u	Count	i, the	e sto Iamou	nt of	ed acro	ss Red River to wheat and e inch in
	ľ	event i	h seve	ral int	erior	loca Mav	tions. when t	An:	ne months llen Guanajibo		dia	meter.	i Piosi I		11101	was	1	i I	
		River s Road 36 	wept t	ne car	arive	an by	his fa	ther o	ff a bridge on	Northern Bowie County	8	1:10 p- 1:40 p		 	0	0	?	?	Hail and Wind- storm
Islandwide	20-2	l] 	0	0	°6	c	Heavy rains										led the Red River In Bowie County.
	ŀ	produce	d an e	ktended	peri	lod of	inte	quitte	astern Caribbean t heavy showers of Puerto Rico		At at	1:20 PM, o 1:40 PM ma	ne inc rble h	h hail ail oc	ifell jurre	5 mi dat	iles so New Bo	thwest	of DeKalb and The storm pro-
		Conside	rable	accumu1	sted	damag	e occi	rred	o municipal and mdslides.	North Central Texas	1	ed scatter	Į.	age to	Whea	t and	other	grain 6	!
		Rainfal as 8-10	l accu	mulatio s in so	n for me ar	the eas.	six da Most	y per	od were as high mg was in the	NOI GEOGRAFIA TEXAS	"	Afternoon Evening]	į		İ	"	İ	Severe Thunder- storm Outbreak
	:		in fl	ood. S					ith no major Ind minor crops		dur	ing the a:	fterno	n. The	sto	nins g	enera]	ly move	Wichita Falls d east and east-
	:	was rep	 	 	į	İ		i			the	afternoon	exter	ded alo	ong a	line	from	south (dary, which during of Wichita Falls
				<u> </u>			! 				lar	intensit;	, caus	ing wio	lespr	ejad s	evere	damage	were of spectacu- in and around is a county-by-
		į		 	İ		İ	İ		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	cou	hty descri			ere w	dathe	ever	ts and	known damage.
	1			}) 	} 			Young County	8	3:05 p- 4:38 p) 	0	0	?	?	Hailstorms
				į Į	İ	İ	! !	į			Sev Cou	eral inter	se thu	nderst	inch l	oved ail	 slow fell s	east everal	ard across Young miles southwest
						ļ	į	ļ	<u> </u>		of Gra	Graham, (ham at 4:3	iolf ba	ll size	hai:	was	repor	ted 2 r	iles east of

	\neg	Ą	РАТН	Į z		. OF		ATED†				AL	Ę	r		OF SONS		ATED1	
PLACE		TIME - LOCAL STANDARD	HOF PA	WIDTH OF PATH (YARDS)					CHARACTER OF	PLACE		TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)					CHARACTER DF
	DATE	TIME	LENGTH OF (MILES)	WIDTH (YA	KILLED	INJURED	PROPERTY	CROPS	STORM		DATE	TIME	LENGT	WIDTH (KILLED	INJURED	PROPERTY	CROPS	STORM
LATE REPOR	TS		j MAY	1981	!					LATE REPOI	RTS		MAY	1981					
TEXAS (continue	i		!	 						TEXAS (continue	ed) 		!						
Palo Pinto County	8	3:45 p- 6:45 p		i I	0	0	5	5	Hail, Wind, and Funnel Clouds		inte	nse 100 M	PH wir	nds dimi	inishe	d. I	ail s	ze bes	h proper, but the an to increase,
	Two	intense t	hunder	 storms The fi	(seve	re si	orn#:	and f	2) moved across		bal:	hail cau Taks an	sed co	n or down Insidera Temely h	intowi ible i ieavy	pof c	wort amage	in Nor	7:40 PM. Base- th Fort Worth and
	of a	ail damag	de to c	rops, f	arms,	and seba	build l hai	ngs fr	mile wide swath om northwest of ed the ground in		he v	as struck	by a	Boftbal	∐ siz	ke hai	ll sto	ne in N	h flooding on aped death when orth Fort Worth.
	Graf	ord at 4: rapefruit	53 PM. size	Some in the	repor Grafo	ts in	dicate ea. l	d a fe	w hailstones up		car	boy was b was batte ritical c	‡red by	d the gi	iant h	ail.	The	oungs t	er after their er was in a coma
	PM ¢	ntil 5:45 ms # 1's	PM. southw	Radar i estern	ndica quadr	ted pant a	ossib s ear	le tori	w hailstones up mage accompanied from about 3:45 lado activity in i:45 PM. Civil		The	hail inte	 hsifie	l deven	nore,	sout	hof	l Interst	ate 30 in east
	CHOS	nse Storm ers did s short-li	TRUE O	MOTT O	CACTO	apeu i	Otaci	ig war:	Lab tornado cloud and sev-		roug	hly 6 blo	cks wi	de for	about	5 ៣រុំ	les e	st of	urred in an area KXAS-TV station's ttered severely.
	Seve	re Storm	∥ ≇2 dev	eloped	just	west	of st	orm #1.	and paralleled its		The	softball	size 1	nhil not	t¦ only	went	thro	igh rod	fs, but completely
	trac	k along a	n east	southe	ast t	ath.	The :	torm i	roduced golf ball and golf ball PM. This storm		from	h the larg	e and	dense l	ψil.	Inst	rance	agents	e rooms below. 00 damage a piece and meteorolo-
	alsip	produced	a rad	ar hook	i echo	and	a vis	ble ro	tating wall cloud.		wor:	e hail da	mage.	j Most a	ureas	of Me	adowb	dook at	had never seen d east Fort Worth storm exited
Clay County	6:21	PM, but	no kno	wn torn	jadoes I	i .		?			For	Worth an Arlingto	pd ente oh, aga	ared Ari ain gene	lingto erally	n, S	evere h of	hail d	lamage continued Some of the worst
Clay County	į,	3:58 p and 9:55 p		 	0 	0	? 	f	2 Hailstonns		seve	eral homes	had h	ail cor	ne cra	shing	all	the way	rlington where through the Arlington and in
	One :	storm pro							ear Bellevue and		by t	ll areas s vinds at t	buth o	f Arli icipal	gton. Aripo	One	airp extr	Tane wa	is severely damaged th Arlington.
ľ	base	ball size rrences v	hai1	5 miles	west	of I	Henrie	ta at	9:55 PM. Both le or no known		Ar1	ington, wi	ith ove	r 4.6	inches	fal:	ing i	nia sł	t Worth and lort time in south Johnson and Rusk
Parker County	dama i 8 I	ge. S:00 p-	1	50	0		?	 ?	Tornado		Cre		¢n or s	treet i					nto at least 15
rarker councy	į	8:00 p	1 12	50 *4	0	0 20	?	?	Tornado Windstorm		Ama:	eur radio	l d stom of Lak	l spotte de Worth	rs to	acked Carsy	seve	al wal	1 clouds, one in e Base at 7:10
	Corr	na thunda	l l	 #1 mov	0	0	5 I from	5 Palo	Hailstorm Pinto County in-		PM at	o 7:20 PM 7:50 PM.	and a Some v	nother and dar	wall nage, a	cloud ppare	abou ntly	4 mil	es west of Crowley t-wind induced,
	to p	arker Cou m produce	anty at ed gold	5:00 I ball s	M. 1 lize h	he e ail	treme in the	y lar Whitt	e and intense Poolville, and		The	second wa	(11 clo	and proc	auced	inumer	tous f	únnel o	rn Tarrant County. llouds but no rant County alone
	tou¢	hdowns we	a†re rej	orted 2	4 mile	5 50	htheas	t of W	ral brief tornado itt at 6:00 PM i to move along		were	above 11	(O mil)	lion dol	llars	b)	far,	the wo	rst storm ever
	a mb	re east-s ucing st	outher ong wi	st trac und dama	‡k, / age to	t 6:	0 PM, s and	thund boat	rstorm #1 began locks at and	Burleson area, Johnson County	8	8:00 p	! !		0	0	?	?	Lightning and Wind
	L	3	i	i	J		ILIA I		eports were that amage survey		Lig	tning set	fire	to and	desti	oyed	a Plu	nbing a	nd Electrical
	wind Seve	s became ral elect	very i	ntense transmi	along ission	Int	erstat	20 N ginee	rth of Aledo. ed for 110-120		Bur	oly Buildi leson area	ing.	hunders	itom	Winds 	caus	ed mino	r damage in the
	west	winds, we of town ing a num	ere top 5 mol	pled l ile hor minor	mile es w inju	nort re d	µeast ≇stroy Some	of Ale ed in tree.	straight-line rth of Aledo. red for 110-120 lo. Just north- trailer park, power line, and force, all directed	Dallas County		8:00 p- 10:00 p	4	75		j 5	1 4	0 5	Tornado Hailstorm
											T1.		ļ	ļ	1 1	0	5		Windstorm Flash Flooding
	from	ided by 1. Aledo. ant Count	The v	µedo,ar iµolent≀ I	nd Far dinds	m Ro Cont	nued	b which is the	runs southeast storm moved into		add:	ltional ve	‡ry hea	ayy dama	ige.	Very	heavy	rains	ounty, causing caused flash irie and on sev-
NW of Jacksboro, Jack	- 1	5:15 p	ľ		0	0	?	?	Hailstorm		era:	creeks i	n the	Dak Cli killed	iff s∈ When	ction her d	of Darwa	111as. swept	Kathy Arrington, off of Nokomis
County		ball si:	e hai	was re	port	d se	eral	niles	orthwest of		Parl	area of	Pak C1	ljiff and	il alor	g Mor	ite Ca	ilo, Si	l in the Kiest mpson, and Lan- boat in the Kiest
Tarrant County	8	7:00 p-	12		0	 5	6	?	Windstorm		Parl	area. W	Mter 1	tose int	abo	ut 25	0ak	liff H	iomes anywhere from
		9:00 p	17	*3	0	5 0 0	8 3 0	6 0 0	Hailstorm Flash Flooding Numerous Funnels		Cons	iderable anville,	hail d Cedar	lamage o Hill, a	ccurr	ed in e Oal	sout	ern Gi secti	and Prairie, on of Dallas, edly produced
					from	l Park			ant County,		Base	ball hail ral minor	in Gr injur	and Pra	irie Evera	at 9 1 hor	00 PM les ha	report their	edly produced roofs completely
	"the	worst ha	i Isto	na in An	prica	in Hi	tory.	How	Lewis called ver, not all PH winds caused		Hil:	. Hail i	n Ceda Golf	μ. 301 μr Hill ball si	stack ized h	ed t	o a d aused	pth of	roofs completely ported in Cedar 8 inches on
	wide	spread da	mage i	rom abo Hamage	vas i	15 in an	o 7:4	in we	AH winds caused stern Tarrant by Interstate Benbrook. West rhood in extreme north to south heavily damaged similar to that the probably 120		nça	y roof da ige in wes	mage 1	an coar c	VITTI 1	عاد ا	OHE W.	uus u	d additional
	and west	Farm Road northwest Fort Wor	1) 2376 t Benbi	Highwa bok and e hard	the	Links	the trest	ity o eighbouctive	Benbrook. West rhood in extreme		fun	els aloft	about	8:15 F	M. we	st of	Ceda	Hill !	oud with two One of the fun-
	wind in L	s. Two h inkcrest.	nomes w	ere des damage	troye in Li	d an	1 20 o st wa	more very	heavily damaged similar to that		nel the	clouds ap southeast	parent porti	ly prod on of C	uced edar	torna Hill	do dar about	age al 8:30 R	ong a track in M. Moderate
	to 1	uced by s 30 MPH. storm and	Fortur	tornado ately, several	pes post Uninc	and peop	the w	inds we id urge loccuri	re probably 120 nt warnings for ed. Just north		of I	lighway 67	i. Itaun r	ne tori	paaoc ∣ ∣	CCUFE	ea or:	OI U	ark Road and east
	of B	enbrook, . Maπv h	9 ste∈ nbmes h	al elect and roof	trical Fland	l tra: lfence	smiss:	lon to	ers were blown orthwest Benbrook		Tarı	ant and D	allas	Countie	s and	port	ions o	f Park	wind damage in er and Palo Pinto
	on ₽	lighway 36	ob were	also s	evere	ly da	maged	Str	Numerous stores ng winds con- , uprooting many		ably	run the	total	cost to	abov	e \$20	0 mil.	ion.	osses would prob- This would make can history.
	tree acce	s in lake mpanied t	eside a the sev	reas. ere wir	Some ad and	marb rai	e to	olf b	ll sized hail stern Tarrant	North Texas	8	Evening-	 		0				Severe thunder-
	Coup	ty, but m nse winds	most of Storm v	the da	inage Ærsir	jwas o	laused area	by the	winds. As the indications of evident. It		Add								most of them
	is b	elieved 1	mhat th	e wind	Ston	i was	lan in	tense (lowndraft which		mov		as twar	d along	the	þ1d t	hunde:		outflow boundary,
	to s	kwise cir outh orie movino mo	nculati entatio	upn's ba un of de ward the	struc	tion	when theast	ould ex as the Sea	the counter- plain the north parent storm tered wind damage			İ	İ			į			
1	,,,,,	THE IN	1 10	i uic	1 -43	7 500	T	i	Joseph Mind Gamage	I	I	l	1	i	ŀ	Į	i	i	

		CAL	РАТН	Ę		OF SONS		ATED1				CAL	РАТН	Ħ		OF SONS	ESTIM. DAM	ATED!	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STÁNDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
LATE REPOR		, -	MAY	1981			_		······································	LATE REPOR		t	MAY	1981	!	i !	! !	į	
TEXAS (continue					į			ļ		TEXAS (continue	ea) 	İ		 		! 	į		
Fort Belknap, Young County	. !	8:35 p			0	i	?	İ	Hailstorm	Smith County	9	2:00			0	0	?	?	Windstorm and 2 Funnel Clouds
		th of Grab		was rep 	orte	at i	ort B	i E⊺kuab	, which is		The	thunders	orm wh	ich pro	kluce	jat Nov. H	brnado	near .	Athens caused between Chandler
Waxahachie, Ellis County	8	10:05 p- 10:35 p			0	0	? ?	?	Flash Flooding Hailstorm		and	Tyler.	wo fur	nage in inel clo	buds 1	vere !	bbserv	ted by	storm spotters.
									ie at 10:05 PM. at 10:35 PM,	Henderson, Rusk County	9	2:05 p		 	!	0	?	?	Windstorm and Urban Flooding
Wise County	als	b in Waxal 10:15 p-			0		5	5	Hail, Rain, and		Thu flo	nderstorm oding occ	winds arred	caused rom als	scat ost	ered	damag hes of	e in H rain	enderson. Street in 1.5 hours.
wise county		Mdnt		! 	[!	Windstorms	Northern Anderson and Southern Herider-	1	2:10 p	10	100	0	0	5	?	Tornado
	Wis	e County.	causin	o light	to t	hoderi	ite da	nage.	tward across From 10:15 PM	son Counties	mil	les east of	Cavus	ia, Afi	ter m	bving	seven	al mil	efuge, about 5 es across forested
	bal	11 10:35 1 1 size hai	n, a s l in a	evere swath	from	the	m aro inters Short1	ppea g ection	olf ball to base- of Highway 51 re midnight,		and	Bradford	prnado At S	pringf:	eld,	one	barn w	nities as des	of Springfield royed and a home to mobile homes The tornado also
	ano	ther sever	e sto	m struc	ąk Br	ıdgepi	ort, w	pth la	tge marble size		wes	e devasta	ed and	a fran	te ho	pe wa ar in	s unro	ofed. ickm.	The tornado also
	Bri	dgeport and Chico are	rea. (rop dan	tage t	vas T	porte	d in t	he Bridgeport		at	the same i	ocatio	n the l	ome troy	as u	nroofe nome a	d. Co	destroying both, ntinuing east- Union community
Ivanhoe, Fannin	8	Evening		ļ	0	0	?	?	Hail and Wind-		lea	wing only	inter	ior wal.	s st	andin	gs. A	parn w	as destroyed and destroyed house, we cars, and 3
County	· III a	roe" hail	l Ianvi 64	l L MOH w	Inds (cor	l Led e	l kact t	storm ime unknown, in		per	dsonal car	s were	destro	ýeď.	A nu	mber o	∉ liνe	ue cars, and 3 stock were killed he tornado. After
	Iva	nhoe.			1		cu, c 		 		cro	ssing 8.5	miles	of And	¢rson	Coun	ty, th	e torn	ado passed into 2588, about 1.5
Wolfe City, Hunt County	1	10:30 p			0	0	4	0	Lightning		mi]	es north	of the	County	line	l In	all,	beven	homes and 16
		ghtning st Ufe City C		nd heav:	ajly da I	amage 	≰ast i i	eepie	and roof of a	7 NW Palestine,	9	2:30 p	11	75	0	0	4	1 ?	Tornado
Seven Points area, Henderson and Navarro	8	10:55 p	 		0	8	6	?	Hail and Wind- storm	Anderson County	A t	ornado ap put 10 mil	arent s nor	y foll hwest	owed of Pa	ski lesti	(pping ne, to	path f Highw	rom near Montalba, ay 155 about
Counties	An bal	intense t	under:	torm m Seven P	ved :	acros	the 0:55 F	area, M. Ex	producing golf tensive wind	ľ	pol fre	miles nor Des were di To the Mon	theast estroy	ot Pale ed near	Mont	β. U βlba, High	ross-c with way 15	tree d	ay 155 about transmission pmage evident veral witnesses
	dan	mage occur	ted wi	th a chi	urch .	and s	everal	[mobil	e homes reportedly thin the destroyed		obs		torna	do near	High	way 1	55.) 	Werar wronesses
	mob and	pile homes ∣outbuild	Oth	er dama; n the S	ge oc even	curre Point	ll to t s and	rees, Cap Ci	powerlines, signs, ty areas. A n the Henderson	Western Gregg County	9	2:30 p- 3:00 p	8 Short		0		4 0	0	Tornado Tornado
		Navarro									wes	t of Libe	rty Ci	ty, on	the S	mith	County	Line,	rd path from to Farm Road
Gilmer, Upshur County	i	11:45 p	j	j -	!	1 	?	ļ.	Lightning bedroom and		125 sev	2, severa eral home:	mile: s sust	west	of Hu odera	ghey . te da	Many mage,	trees One d	were uprooted and amaged home was r Farm Road 1252,
	des	troyed he	tel	ephone.					were damaged by		bet as	ween Libe a "black i	rty Ci nass"	y and coming :	lughe In af	y. W ters	htness heets	es des of rai	tribed the tornado h. A loud roaring
Kilgore, Gregg County	9	1:00 a		!	0	0	?	?	Windstorm			and accomp out 2 mile							b touched down t 3 PM.
	Sev	heral TV a oken by the	tenna inders	were do	owned nds ,	tre	esupr I	poted,	and windows	Northeastern Panola County	l	2:50 p		!	!	0	3 1	0	Tornado resulted in tree
8 WSW Hillsboro and and 8 ESE Hillsboro,	9	11:45 a- 12:13 p	9.5 6	100 75	ļ 0	0	6	0	Tornado Tornado		ano	power li	ne dam	ige abo	ht 20	mile	sout	hwest	of Shreveport.
Hill County	١,	!	1 	 	0	l 0	?	?	Funnel Clouds, Wind and Hailstorm	Extreme Southwestern Trinity County	9 Act	4:00 p		Narrow tment o	i 0 L EPub	0 Lic S	afety	0 report	Tornado a tornado
	The	first to	nado (develop Hillsbo	ed ne	ar Fa The t	rm Ros prnado	1 3050 moved	about 8 miles east for about trees in and everal homes were p track ended about		to. Mac	ched down lisonville	brief and T	ly on th rimity.	e Tr	inity	-Walke	r Coun	s, a tornado ty line, between
	nea	of miles, or or the Peo-	ria an	ing bar d Union of Un	Bluf ion B	t com	piding Muniti The	es. S	everal homes were	Sherman area, Grayson County	13	4:23 p		 	0	0	0	0	Hailstorm
		Į.	1	1	1	1	!	ı	!	oray son councy	in	the Sherma	elopin n area	g thund . The	erst repo	rm b rt wa	riefly made	dropp by Am	ed 3/4 inch hail ateur Radio storm
	nad	lb that mo den at 12	red th	rough the	he By rnad	obuma obnov	tea. ed eas	First t-sout	ng a second tor- sighted by a game heast for about	Fannin County		ktters. 5:45 p-	1	75		0	4	0	Tornado
	6 m	tiles. In aut \$750.00	Bynum 0. Aı	the to	rnad	des mobi	troyed le hom	a cot	ten gin worth		ĺ	6:07 p	į	į	0	0	? 1	?	Hailstorm
	tow	n. Bynum	reside	ents rep	gestr porte	oyed d tha thund	torr	ential	east-southeast of rain and small we witness said		I Bon	hamarea a	ibout 9	3:45 PM.	. At	6:07	iPM.S	herift	er hail in the 's deputies re- ast of Bonham.
	tha	it the rain	ende	abrupi	tily a	nida '	very s	hrill	whistling sound signaling the		The	tunnel cl	oud be	came a	torn	ido,	Hestro:	ying a	house and a barn, southeast of
l	tor	nado's a ching dow	grival g, wer	Addi obser	tiona ved b] fum dtwee:	hel c] h Hubh	ipuds, ard ar	apparently not d Malone. Else-		Bon min	mham. Addi mbr roof da	tional mage	golf l n south	jall jeasti	to te ern F	hnis b annin	#11 si County	ke hail caused L The hail and
2 NW Dawson,	go1	lf ball si	ze hai:	l in the	e Hil	lsbor	o area		and damage and		tor	mado devel 	loped	rom an	east	sout	heast	noving 	thunderstorm.
Navarro County		12:34 p il Defense	l	İ	İ	l i		ļ	Tornado touch down at						 	 	 		
	Wol Whi	fe Creek 1	ark ne	ar Nava m a roi	rro l	iills wall	Reser l clou	voir. d. was	The tornado, from the same		ļ	([[i I	! 	[[
Temple, Bell County		12:40 p~ 1:20 p	!	!	0 0	0	4 3	1 0 1 0 1 0	Tornado Windstorm] []	
	tem	porarily 1	ouchir	ig down	near	I-35	. The	torna	t to northeast,			 					 		
	abo	ut \$12,000	damag	te to a	port	ble b	ouildi	he com	pany, destroying e parent thunder- sections of			į į		 					
1	Tem	ple and Be	iton,	MTHG	Leuila	5E 0V	.ı sca	Lered	Sections of		1	į			į	į	!	i	

	осац	Ŧ.	NO. PER	OF SONS		ATED†	_			жаг	РАТН	E		OF SONS	ESTIM DAM	ATED†	
PLACE	DATE TIME - LOCAL STANDARD LENGTH OF PATH	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	אוררפס	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
LATE REPOR		Y 1981		į				LATE REPO		} !	MAY	1981	İ				
TEXAS (continue			ij	ļ	į			TEXAS (continu	1		į	į Į					
Emberson, Lamar County	13 6:15 p	400	0 0	0	6	?	Tornado Hail and Wind- storm	Henderson County	13	8:44 p- 9:20 p	Short	Narrow	0	0	?	?	Hailstorm Tornado
	About 6:00 PM, N	j it‡ona1 S	evere	Storp	ıs Lab	Dopple	er Radar scien-										d one inch diameter hs. Golf ball
	tisks at Norman, tornado circulat After NSSL conta	on in a	storm	over	north	wes terr	n Lamar County.		thur	derstorm n	noved s	es nor Outheas	in ot Itware	Murc d and	hison snawn	at 8:5 ed a h	PM. The same rief tormado about eastern Henderson
	Fort Worth, Fort at V:08 PM. At	Worth is :15 PM,	sued a	tombado t	ado w ouche	arning 1 down	for Lamar County 2 miles northwest	Smith County	Cour	ty at 9:20 8:55 p-	PM.	 	01	111 6	0	souch 0	Tornado
	of Summer, or abo described the to	nado as	deing [about	as 1	brge a	the 'hood of a	Smith County	13	9:20 p		ļ ļ	0	0	?	?	Windstorm Hailstorm
	and outbuildings	destroye	d just	nort	h of	Sumner			The	 etom_whi	h pro	l l lucad a	0	0	orthea	0 Et of	Funnel Cloud Grand Saline in
	of 450 yards in at 7:25 PM. A w	idth as	it roa	red i	nto t	he smal	its maximum size 11 town of Emberson meyer really saw		Van near	Zandt Cour the Unive	ty mov	ed sou of Texa	heas s ho	jward spita	and d 1 seve	ropped ral mi	a brief tornado les north of
	a funnel, just a were hurt, 6 ser	wall of ously, w	debris hen 22	comi home	ng at s and	me." severa	Thirty people buildings were		goli	r. No dar ball siza ds were s	hail:	lat Swar	, a1	so ab	out 8:	65 PM.	60 MPH winds and Several funnel
	generally along 1	ann Road	[1499]	were	eith	er leve	mes in Emberson, lled or only had o moved through.	Anderson County		9:05 p-			0	0	?	?	Hailstorm and
	A 3/4 ton redreat to rest. One man	idnal ve darrowl	hicle y esca	was t ped d	hrown leath	500 ya as he l	rds before coming uddled within a		Amai	i 9:35 p i Beur radio	spotte	ers rep	 orted	i I marb	 le siz	e hail	Funnel Clouds and several fun-
	flattened home. Nineteen people	The Embe	erson [Baptik	st Chu	rch wa			ne1 same	klouds se	veral r rlier p	niles so produce	puth	pnd s	buthea	st of	Frankston. The north of Frankston
	when the tornado boy who was in t thought the dlou	was form ne church	dng, with	Kevi his	n Perr Father	yman, , told	h 14 year old his dad that he	Northeastern Free-	İ	9:05 p	LOWILY 	} 	0	0	?	 ?	Hailstorm
	attended a Natio Paris, Texas lin	nal Weath the early	er Set sprit	vice ng and	spott appa	er tra rently	ining school at saw the parent	stone County	Go1:	ball size	hail	 was re	orte	i d nor	theast	of Pa	lestine.
	wall cloud. Kev then shouted out everyone left th	a warnin	d to t	he ch	urch	crowd !	Fortunately	Hainesville, Wood County	1	9:10 p	7	50	0	0	4	0	Tornado
	1 1 1		1 1	,			not anchored to a estroyed, the hem had minor		near outli the	n Hainesvi Juildings tornado.	lle to lestro Most	just ned, and	pint prth mum path	ermit of Ha erous was a	rent s Wkins. trees cross	outhea One damag open c	stward path from home was unroofed, ed or uprooted by buntry or forested
	small town. Add northeastward pa	exited b itional h thiending	nberst dme at Inear	on att nd far Lamar	ter de nm dam r Lake	stroyi Mage oc Jand H	ng over 90% of the curred on an east- ighway 271. Total	N of Chapman, Rusk		9:58 p			0	0	?	?	Windstorm
	l Tornado damade w	ic lectima	ter te	he b	iborit .	12 min 11	ion dollars Sour- I	County	Thur of (nderstorm hapman,	vinds (proote	tre	es in	the N	artin	Creek area, north
	ball size hall f particularly nor occurred in Pari destroyed when a	s, a snor	t time	e arte	er the	f the traigh torna	e area east of Emberson and golf tornado track, t-line wind damage do. One car was	Gregg County		10:05 p	 		0	0	?		Funnel Cloud and Lightning
Delta County	13 6:52 p	30 *8	0	0	5	4	Hailstorm		10:	umnel clou NS FM, Ab elin Longv	out the	\$ighted ¢same ¦	∣8 mi t ime, !	les e ligh	ast-so Ining	utheas damage	t of Longview at d at least one
	Marple to golf b	30 *8 11 hail	1 0 1 1 1 4nd 60	⊢ !	4 10 MPH	4 winds	Windstorm were reported	West Panola County	1	10:12 p	1		!	0	ł	!	Hailstorm
	across the count stroyed by the w out of several s	inds at K	Condi	e.	Vind a	nd sev nd hai	eral barns de- blew the glass		tha	ee quarter ge.	inch	∄ail wa ∣ ∣	s rep	portec	on H	ghway	79 west of Car-
3 N Commerce,	13 6:53 p	1010	0	0	?	?	Hailstorm	SW of Beckville, Panola County		10:15 p	ا	 	0	}	?	?	Windstorm
Hunt County	Amateur radio st	om spott	ers re	porte	d gol	f ball	 size hail 3 miles		Iro	rls Bayou a 	ad Hig	hway 79	į	apsou I I	<u> </u>	qor se	ckville, near
Navarro County	13 7:20 p- 7:46 p	İ	0	0	?	?	Hail, Wind, and 2 Funnel Clouds	Hemphill, Sabine County	1	11:50 p	 Winds	 -	0 tree	0 	down	j	Windstorm
	1 1 1	indicate	ed a po	ssib	e tor	nado m	oving east-south-	li di di di di di di di di di di di di di	Hem	hill.		l l	!				
	spotters observed Blooming Grove, b	wall clo	ouds an	d fu nado	nnel c es occ	louds prred.	near Italy and Spotters also	Henderson, Rusk County	14 Lig	4:30 a htning str	nck an	burne	l 0 Lan	0 meat p	i 4 I trocess	ing bu	Lightning siness.
	reported golf bal Grove area at 7:4	l size ha 6 ₽M.	nil and	60	4PH wi	.hds in	the Blooming	Concho County	15	7:35 p- 8:15 p			0	0	?	?	Hailstorm
Sulphur Springs, Hopkins County	13 7:45 p		0	0	?	ļ	Hailstorm		An	intense th	unders	l torm wh	ich p	i produc	ed to	l Inadoa	ctivity in Tom
	Amateur Radiolsto south of Sulphur in the Paint Rock	Springs.	Some	ortek damag l	ge to	prchar	size nail just ds was reported		Siz	e hail was	repor	ted 3 m	iles	west	of Ede	n at 8	unty, Golf ball :45 PM and hail st of Eden at
McLennan County	13 8:05 p		0	0	?	?	Hailstorm and Funnel Clouds	McCulloch County	8:5 sev	S PM. Sho eral miles 8:15 p-	rtly a east 2	fter 9 of Eden 100	M so	ftbal	l size	hail 0	st of Eden at was reported Tornado
		ord and V	Vaco.				south of Crawford er golf ball size			9:30 p	30	?	0	0	4 3	4 ?	Hail Flash Flooding
5.5 NE Grand Saline, Van Zandt County	13 8:15 p 5	200	0	0	5 ?	 3 ? 	Tornado Wind and Hailstorm		mar The	hail trac	f ball k cont	size h Inued e	ail i astwa	ih the drd th	Pear rough	Valley Placid	nty, dropping and Lohn areas. and into San from the hail.
	An eyewitness wat and moved southea weak tornado unro	stward in	nto the	s Sil	ver La	ke are	tornado developed a. The relatively mobile homes, 2		A t	rnado tou	l ched d	l bwn bri	efly	to th	e eas	of Ro	chelle. The The storm pro-
	barns, 1 car, and winds preceded t also reported at	2 boats. he tornad	. Heat	y rai	in, ma	rble h	ail, and 60 MPH		duc	old up to 3	5 inc	nesof naman	ain trie	in the	e Lohi drive	area,	with one car be-
	After traveling a storm moved east- damaged several m	southeas t	into	Wood	Count	n Zand v wher	t County, the 3 homes were					 		i 	! ! !	 	

		CAL	РАТН	Ę		. OF		IATED¹	1			CAL	PATH	Ŧ	NO. OF PERSON			ATED1	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
LATE REPOI	- : :		МАҮ	1981	 			 		LATE REPO		 ;	MAY	1981		ĺ	 [j
San Saba County		9:35 p- 10:15 p	8 30	150 ?	0	0 0	? ?	i i	Tornado Hailstorm	NORTHERN Nacogdoches County	18	4:40 p- 5:30 p	9 1	150 100	0 0	0	?	? ?	Tornado Tornado Tornado Hailstorm
	dama ball nado and	ge genera size hai touched	ly act resultown 5 les to	ross the ted in miles s the ea	cen main outh st-s	tral ly sc of S	portio attere an Sab	ns of Licrop Lata	y, causing hail the county. Golf damage. A tor- bout 9:50 PM pen range land.		hai of 4:4	to baseba the city of PM. rada	ll si Naco	ge fall: gdoches	from	0 to 4:40 ble	15 mil PM to	les nor labout	ches County, with thwest and north 5 PM. About iles northwest of
Lampasas County	15	10:15 p- 11:00 p	Short ?	Narrow ?	 0 0	0	0 5	i i	Tornado Hail and Windstorm		was 5:3	yown. The sighted a PM, base	south gain n ball s	ern-mos orth of ize hai	tor Naco was	nado gdoch repo	appare es jus irted 7	ntly m t befo miles	:00 PM, one 12 miles northwest oved eastward and re 5:30 PM. At north of Nacog-
	near conc Adam	Freeman's entrated i	Creel orth in t	k, just of Lampa oe Long	nort sas,	n of l	Lampas rally	as. H petwee	s last tornado ail damage was h Lometa and and crop damage	Houston County	18	nes. The i	pail a	nd torm	o l	prod 0	luced e	xtensi ?	We tree damage. Hail and Rainstorm
. Tarrant County	16 Stro	12:00 p- 2:00 a ng souther	ly wir	ds from	0 nat	0 nunde	? rstom	?	Windstorm ex about 30 miles		sou size	thern Housi hail fell about 5:	ton and L sout! DO PM (l Trini heast o unti 5:	y Co Cro O PM	mtie kett Tw	s. Go and in p to f	lf bal n the our in	theastward through 1 to baseball Pennington area ches of rain accom- es were still on
	Coun	ity. At le	ast 30 lamageo	rooms when a	at a win	mote gus	l near tunto	the D ofed t	ge across Tarrant allas/Fort Worth he structure, brth.	Trinity County	the 18	ground th 5:30 p- 6:00 p	morn	ing aft	er th	0 0	nm in ? ?	the Pe ?	nnington area. Tornado Windstorm
Dallas County	16 Simi	12:00 p- 2:00 a ar winds rving.	in Dal	llas Cou	nty i	0 	? urned		Windstorm		tor	:15 PM rate Lovelady rent bried ado unroots uproote	rea sey	verai da	irms i	and u	proote	d tree	Houston County producing an f Groveton. The s. Straight-line
Sulphur Springs, Hopkins County	16 Thun	6:30 a				0 es in	? Sulph		Windstorm ings. At least one	Eastland County	23 Scat	6:00 p	rts of	60 MPH	0 win	0 Is an	? d one	? inch h	Hail and Windstorm
Dallas, Dallas County	16	6:56 p e-quarter			0	0 Nort	0 n Dall	o as.	Hailstorm	Hubbard Creek Reser-	Some Stan							the G	astland County. orman and Rising Hail and Windstorm
Wise County	A se							ize ha	Hailstorm il from the hea. An undeter-	voir, Stephens County	Sixt Rese	6:30 p y-five MP	lf bal	ll size	hai l	its a brok	nd boa e wind	t dock	s on Hubbard Creek the lake area and
Denton County	mine 17	d amount of 5:40 p- 6:30 p	f dama	ge occi	rred 0	to t	ne whe 3 4	at cro	p in the area. Tornado Hailstorm	Comanche, Comanche County	23	6:15 p s blew dow			0	0	? pmanch	!!	Windstorm
	IATTIATI	еит капто	STORM:	SHOTTER	rs on	LATVA	1 a ro	tating	Windstorm to Denton County, moving" storm. wall cloud in the	Lake Brownwood, Brown County	Goli	1	hail	was rep	0 orte	0 don 0	. ? the no		Hailstorm d of Lake Brownwood, Windstorm
	A fu	nnel cloud	devel	les, ber	rth	bf Kri	ng on an min	the we	hton County. A kt of Krum at m land, destroying st side of Krum. ater but didn't	Stephenville, Erath County	Thur bui	lding dama			ds p	roduc shenv	ed sca	ttered	tree, sign, and
Southern Cooke County	17	5:55 p- 6:30 p	the co	r the t imbined	orna effe	ts o	onside E wind ?	i	wheat damage olf ball size hail. Hail and Windstorm	Weatherford area, Parker County	Stra	7:00 p right-line moved act therford.	thunde oss ti	rstorm ie Weath	wind erfo	0 cau rd ar	? sed mi ea. C	nor da	Windstorm mage as a squall was unroofed in
Azle, Tarrant County	extr	 Penton Cou me southe 2:30 a	nty to rn Col	rnadic lin Co	ston nty.	caus l l l l 0	ed he	l	eat damage in	Decatur area, Wise County	23 Thu	7:05 p	rinds (lestroye	0 dar	0 nobil	4 home	0 just	Windstorm and Lightning south of Decatur.
Commerce, Hunt	thun	ball size derstorms 4:45 a						lasal:	ine of heavy	Jack County	A wo	man who wa wer disrur 7:55 p	s in to	the trai n Bridg	ler (epori	as n for	ot inj two h	ours.	Lightning caused
County Sulphur Springs, Hopkins County	Thre	e-quarter 6:35 a	inch h	ail was	repo	-	1	merce	i	Fort Worth, Tarrant County	23 A bi	tning burr 7:55 p tief 70 M	H wind	gust	ccur	0 red a	3 s the	0 squall	Windstorm
Alto, Cherokee	Sulp	thunders thur Spring 4:30 p	tomms s.S∈	produce veral h	ldexi Iomes	ensivece:	e str ved w	ater di	oding in mage. Hailstorm	Cooke County	23 Sixt	8:05 p	tree	reporte	dly i	ell 0	on a c	ar in) 	east Fort Worth. Windstorm in very little
County	Thre	e-quarter ty line a	to one	inch l	ail	Fell	from A	l Ito ea	stward to the traversed the	Grayson County	dama 23 Wind	ge. 8:12 p s to 60 MP	H occu	irred at	0 Tion	0 (a.	? About	? the sar	Windstorm
	,	 								Collin County	stor 23	m winds da 8:45 p	maged	boats a	nd bp	at di 0	ocks o	n Lake	Texhoma. Windstorm inds did mostly
										Dallas County	mino 23	r damage, 8:45 p	mainl y 	in soc	thern 0	0	lin Co ?	unty.	Windstorm
l	l		!			¦ ¦		!			line	moved ac	oss Da	llas.	ا "	~ u1	. read	-145 CU	Se of the squarr

		CAL	PATH	Ē	NO. OF PERSONS							CAL	РАТН	AT.	NO. OF PERSONS				
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
LATE REPOR		MAY	1981		į				LATE REPOI	RTS	<u></u>		1981	1					
TEXAS (continue	i					Ì			W. 1	VERMONT			NONE	REPORT	ED				
Lake Tawakoni, Hunt County	į	9:30 p	rinde d	morti.m	1	4 heat	? draw		Windstorm 38 year old woman	VIRGIN ISLAN		!	i I	i	ļ				
		injuring				l	, urow	ining a	38 year old woman	St. Croix	5	afternoon	1		0	0	4		Heavy rains
Paris, Lamar County	23	10:00 p			0	2	4	0	Windstorm			heavy run a seconda	off an	d road	Flood	fing.	One o	lar was	oix caused swept off
	Two topp	men were led a 75	injure oot g	and he	spit vato	lize ont	l afte then		derstorm winds										secondary
Northern Morris	23	10:30 p			0	0	4	0	Windstorm				į Į	<u> </u>					
County	Strq	ng thunde: a areas.	stom	winds	toppl	ed maj	y tre	es in	the Naples and	CORRECTIO	NS		APRI	L 1981	!				
10 W Vernon,	24	5:55 p	i	50	0	0	0	0	Tornado	MISSOURI	Ĺ	 		İ		1.7.2			ı
Wilbarger County	A to	rnado movi	l d eas	tward a	ross	open	count	ry, fr	om 10 miles west	Correction to sto and Mississippi (touchdown in New	oun oun	ies of	ses t the Bo	nrough otheel	as	well	as a	brie	f
Lake Kemp, Baylor	of V	ernon to : 6:00 p	1	1.5 mile Narrow	!!	t of	town.	ļ	3 Tornado/Water-	touchdown in New	22		ψ.						
County			!	!					spouts		~~	450 to 615 PM							
	touc	reds of po hed down b lted.	ople riefl	atched on La	as 3 ke Ken	diff p.	erent No inj	tornad uries	n/waterspouts and no damage	The path	le	gth show	nd ha	ve bee	n 1:	sted	as.		
Vernon, Wilbarger County	24	6:05 p- 6:30 p			0	0	0 4	0	Windstorm Lightning	The num	ber	of person	as kil	led d	rect	ly t	y the		
	The	Civil Def	i nse d	rector	meast	ured	awind	gust	of 70 MPH at			be list		ì					
	and	very litt	le dam	age occi	urred	. Se	veral	homes,	lighter in town an oil tank, and	Although	1	should b	1	1	1		1	1	
Iowa Park, Wichita		bile home 6:25 p	l were	l 	Dy I	0	ing so	1	2 Funnel Clouds	receive	1, 0	ly one	damage	path	has	beer	esta	blish	ed.
County	l	funnels a	oft w	ere sig	hted	south		ł	i						١.				
Archer County	27	3:00 a	İ		0	0	?	,	Hailstorm	Special notation in East Prarie by		1	1	latie: mere wa	1	1 7	1	was ki eath	lled
	Thre	e-quarter	inch	hail wa	rep	l brted	in no	 rtherr	Archer County.	blamed on this t	i .		83 yea	r old	man	suff	ered	a hea	rt
Bonham, Fannin County	27	3:35 a			0	0	?	?	Windstorm	attack in Malden	and	died.							
	Sixt	y MPH win	ds acc	mpanie	d a ti	unde	stom	throu	gh Bonham.	MARYLAND & North Central and	D.C. 1 15	2:00 p-		1981	1	1). 5		Lightning, Hail,
Euless, Tarrant County	i	4:55 a			0	0	0	ł	Hailstorm	Northeastern Marylan		5:00 p	}				İ		Wind, Rain
Francisco Paul William		and one q	ijarter !	jinch h	İ	ajsre I I0	ļ	at Ei	less.		in	the Westmi	rster .	grea wh	ajre o	ver 1	.00 wir	dows o	system first struck f a greenhouse were
Eastern Ford, Western Wilbarger, and South- east Hardeman Coun-	20	3:30 p- 6:30 p			0 0 0	0	3	3 5 5	Hailstorm Windstorm Flash Flood		app	arently st	nuck b	y light	ding	as he	Was v	meelin	-old youth was his bicycle for am to revive him
ties		!	j j	ļ	0	0	Ō	0	Numerous Funnel Clouds		wer	e unsucces	efful.	Rlsewhe	rļe, a	n Ann	apolis	depar	ment store roof
	A Ve	i hry slow-m	l Oving	severe	thund	ersto	i Im pro	duced	extensive crop		ize	d flooding	was r	eported	in C	ecil	i Count	.√an	lightning damaged ag the owner. Total \$30,000=rain;
	in in	the Crowe	ll-Thai	lia-Loci	kett a	reas Liketi	Gol	f ball	size hail fell		dam \$5,	age estima ODO = hail	te: a .; \$5,0	cund \$ 00 = 1i	50,00 entni	¢ (\$1 ղց).	0,000	wind	\$30,000=rain;
	abo but	t 4:45 PM	l Rad	der indi	icated	la po wall	ssibl clou	e torn	ado at this time,	NORTH CAROL	INA			İ	!	ļ		ĺ	
	clo	thern exti d. Numei	emety ous fi	of the	storn louds	, pro	ducin op fr	g only on ben	extensive crop land flood waters size hail fell 5:30 PM until do at this time, levelop at the a brief funnel ath small tower- levelof tower-		Ha i	lin Onslo Lin Murph	W Count	ty 4:45	PM.	Ì			
	gus	front. ed in Tha	None o	that fl them	touch	the ed do	north wn.	weste Filash	dge of the storm's flooding was re-	RHODE ISLAN	,		İ	ATA RE	1	j ED		ļ	
Stanford and Haskell.	ľ	l 7:25 p-	ļ.	ļ			,	i	 Windstorms	SOUTH DAKOT	'A		NO D	ATA RE	CEIV	ED.			i
Haskell County		7:40 p				i		İ	 		l	ļ	i	i	i	i	į	i	i
	Wind Star	gusts to ford at 7	60 ME 40 PM	Hoccur N Dama	rted i ge wa	h Has s app	kell arent	alt 7:2 11/ min	PM and in	0 Includes cro	p dai	nage.							
Balch Springs, Dallas County	29	12:22 p			0	0	?	?	Windstorm	C Crop damage.	d of								
,	Stro	ng thunde ially unr	s torn	winds several	destr	oyed dines	netal L Tr	outbu	ldings and power lines were	** Yards instea † Storm damage 1 Less tha	s ar	placed i	n cate	gories v	varyi	ng fr	om 1 t	о 9 аві	follows:
	aist	i damaged.				 			 	2 \$50 to \$	500								
Bonham, Fannin County		1:30 p 	<u> </u>	ļ	i 0	0	! ? !	i	Windstorm	4 \$5,000 t 5 \$50,000	o \$5	0,000 500,000							
	obse	verstorm	v ⊤uq2 	φιου M I I	urHwe ∐ ∐	re re 	porte	arby C:	vil Defense	6 \$500,000 7 \$5 Milli) to :	\$5 Million \$50 Mill	ion						
St. Jo, Montague County	1	7:30 p	2	75	0	0	0	0	Tornado			to \$500 Mi to \$5 Bil							
	The small	Preparedn 1 tornado	ess Me which	eorolo occurr	gist ed ju	at Fo	rt Wor	th pho	tographed a lo. The tornado thundershower.	Note: This publicato the difficulties	tion	contains	our be	st info	rmati the f	on on	storm	s but,	due s not
	1160 (mininge was	Tebor	rea ira	hwest n the	flan torn	k of a	weak	thundershower, hoved north-north-	all inclusive. Las	e Re	ports and							
Rallinger eres	east	across o	penco	untry.				ĺ		SUBSCRIPTION PRICE:			ar: \$1	2.00 fo	reign	; 40c	sing1	e copy	; \$1.00
Ballinger area, Runnels County	Shor	Morning tly befor	d dayb	teak, a	thun	0 derst	o m wi	i 6 ith man	Hailstorm ble size hail	foreign. There is issues of publications and of send payments and of send payments and of send payments.	a mi lons.	nimum char Make che	ge of cks pa	\$3.00 fe yable t	or ea o Dep	ch or artme	der of	shelf Commer	-stocked ce, NOAA;
	caus	ed neavy	uamage 	to the	whea	t cro	in t	the Bal 	inger area.	Asheville, NC 2880									
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